

UNITED STATES DISTRICT COURT
WESTERN DISTRICT OF WASHINGTON
AT SEATTLE

Defendant.

AMENDMENT TO CONSENT DECREE

A. On March 15, 2019, this Court entered a consent decree in this matter (Dkt. #84) (the “Consent Decree”) by which Plaintiff Puget Soundkeeper Alliance (“Soundkeeper”) and defendant Seattle Iron & Metals Corporation (“SIMC”) resolved all claims that Soundkeeper had asserted in its Complaint (Dkt. #1) and Amended Complaint (Dkt. #4).

C. Soundkeeper and SIMC, therefore, stipulate to the entry of this Amendment to Consent Decree without trial, adjudication, or admission of any additional issues of fact or law.

II. AMENDMENT TO CONSENT DECREE

The Consent Decree is amended as follows:

1. Section 7(b) of the Consent Decree is amended and replaced as follows:

b. 730 Facility Paving and Engineering Report and Implementation

i. SIMC will conduct monthly stormwater discharge monitoring for the parameters identified in Table 1 of Administrative Order No. 13739 (Dkt. 42-23) (including PCB testing by EPA method 8082) for three years (through February 2022), except that SIMC may cease monthly monitoring for any non-PCB parameter that is not detected for twelve consecutive months of sampling.

ii. SIMC will maintain the chitosan-enhanced sand filtration (CESF) system that was installed to replace the modular wetland treatment system on July 12, 2020.

2. Section 7(e) of the Consent Decree is amended and replaced as follows:

e. Deduster.

i. SIMC has completed design drawings for the shredder enclosure, blower, and dust collection system (hereinafter “deduster”) that meet the requirements of this section and are approved by Dr. Ranajit Sahu, the parties’ joint consultant. SIMC has submitted applications for the permits that are necessary to install the deduster. (Application materials are included herein as **Attachment A.**) The deduster will address the dust from the shredding process itself and will create sufficient containment to allow a blower to create sufficient negative pressure within it to maximize the capture of dust emissions from the shredder, to the satisfaction of Dr. Sahu.

ii. SIMC will exercise its best efforts to obtain all necessary permits for construction and installation of the deduster as soon as

1 practicable, including but not limited to promptly responding to any City of
2 Seattle requests for corrections to the deduster permit application materials.

3 iii. Within 63 weeks of the City of Seattle's issuance of the
4 building and land use permit(s) (including, but not limited to, a shoreline
5 substantial development permit) for the deduster, SIMC shall complete
6 installation of the permitted deduster and put the deduster into full operation.
7 In the event that SIMC fails to complete installation of the deduster and put
8 the deduster into full operation within 63 weeks of permit issuance, SIMC
9 shall pay stipulated penalties of \$1,000 per day for each day in which it
10 violates the deadline established in this paragraph. SIMC shall pay these
11 stipulated penalties directly to Just Health Action via payment by check to
12 address provided in **Attachment B**. Payment must be made within 30 days
13 of violating the deadline. In the event that SIMC violates the deadline for
14 more than 1 day, payments may be consolidated into monthly checks paid
15 no later than every 30 days until SIMC comes into compliance with this
16 section.

17 iv. After the deduster is installed and operational, SIMC shall not
18 operate its auto shredder unless all components of the deduster are fully
19 intact and fully functional, and the blower, and dust capture system are fully
20 functional and properly maintained. In addition, from May 1, 2021 until the
21 deduster is installed and fully operational, SIMC shall not operate its auto
22 shredder on the following days:

- 23 • Saturday afternoons (from 12:00 PM to 12:00 AM) during the
- 24 dry season (May 1 to September 30);
- 25 • Sundays during the dry season (May 1 to September 30);
- 26 • Memorial Day;

- Independence Day; and
- Labor Day.

3. Section 7(f) of the Consent Decree is amended and replaced as follows:

f. Wind fences and trommel enclosure.

i. SIMC has completed design drawings and City of Seattle permit applications for wind fences and a trommel enclosure that meet the requirements of this section and are approved by Dr. Ranajit Sahu, the parties' joint consultant. SIMC has submitted applications for the permits that are necessary to install the wind fences and trommel enclosure, and those applications are currently pending. (Application materials are included herein in **Attachments A and C**).

ii. SIMC will exercise its best efforts to obtain all necessary permits for construction and installation of the wind fences and trommel enclosure as soon as practicable, including but not limited to promptly responding to any City of Seattle requests for corrections to the permit application materials.

iii. Within 23 weeks of the City of Seattle's issuance of the building and land use permit(s) (including, but not limited to, a shoreline substantial development permit) for the wind fences, SIMC will install the permitted wind fences. In the event that SIMC fails to install the wind fences within 23 weeks of permit issuance, SIMC shall pay stipulated penalties of \$1,000 per day until the wind fences are installed. SIMC shall pay these stipulated penalties directly to Just Health Action via payment by check to address provided in Attachment B. Payment must be made within 30 days of violating the deadline. In the event that SIMC violates deadline for more than 1 day, payments may be consolidated into monthly checks paid no later than

every 30 days until SIMC comes into compliance with this section.

iv. Within 21 weeks of the City of Seattle's issuance of the building permit for the trommel enclosure, SIMC shall install the permitted trommel enclosure. In the event that SIMC fails to install the trommel enclosure within 21 weeks of permit issuance, SIMC shall pay stipulated penalties of \$1,000 per day until the trommel enclosure is installed. SIMC shall pay these stipulated penalties directly to Just Health Action via payment by check to address provided in Attachment B. Payment must be made within 30 days of violating the deadline. In the event that SIMC violates deadline for more than 1 day, payments may be consolidated into monthly checks paid no later than every 30 days until SIMC comes into compliance with this section.

4. Section 7(g) of the Consent Decree is amended and replaced as follows:

g. Dust emissions monitoring and corrective action.

Under the direction of Dr. Sahu and with Soundkeeper's full involvement, SIMC will design and implement the following three-phase dust monitoring regime:

i. Phase I: In 2019, SIM conducted ten weeks of "background" dust monitoring at no fewer than three monitoring stations offsite, with the locations selected by Dr. Sahu. A meteorological station was maintained during the study period at the same location as in Dr. Sahu's 2018 study. Each monitoring station monitored total suspended particulate ("TSP") and PM 2.5 on a continuous basis, and also collect TSP for the duration. The collected TSP was analyzed for PCBs using Method 1668, metals, and dioxins.

ii. Phase II: Starting in June of 2020, SIMC will conduct one year of continuous dust monitoring at the following locations (1) the same

1 two locations as in Dr. Sahu's 2018 study; and (2) at least three additional
2 locations selected by Dr. Sahu on the north, south and east fence lines of
3 SIM's 701 Myrtle parcel. This phase is intended to document SIMC's dust
4 emissions prior to installation of the dust management BMPs required by
5 Sections 7(e) and 7(f) of this Consent Decree. Each monitoring station will
6 monitor TSP and PM 2.5 on a continuous basis and will also collect TSP for
7 the duration. As detailed in the June 2020 Dust Monitoring Plan: Phase II,
8 from the beginning of the Phase II monitoring through at least September 11,
9 2020, SIMC shall collect TSP weekly and cause it to be analyzed for PCBs
10 using Method 1668, metals, and dioxins monthly. From September 12, 2020
11 through the end of the Phase II monitoring (June 15, 2021), SIMC shall
12 composite the media and filters collected during each approximately 3-
13 month sampling period for analysis, resulting in a total of three PCB and
14 dioxin results at each location, one each for the sampling periods September
15 15 – December 15, 2020, December 15, 2020 – March 15, 2021, and March
16 15 – June 15, 2021. If there is an insufficient volume of dust in any sample
17 to complete the foregoing analyses, Soundkeeper will determine the
18 parameters to be analyzed.

19 iii. Phase III: Upon installation of all of the dust control
20 equipment referenced in Paragraphs 7(e) and 7(f), above, SIMC will
21 commence two years of continuous dust monitoring at the same locations
22 monitored in Phase II. Each monitoring station will monitor TSP and PM 2.5
23 on a continuous basis, and will also collect TSP for the duration. SIMC shall
24 collect the TSP and cause the collected TSP to be analyzed for PCBs using
25 Method 1668, metals, and dioxins, as specified above for the Phase II
26 monitoring or as otherwise directed by Dr. Sahu. This phase is intended to

1 document SIMC's dust emissions following installation of dust management
2 BMPs required by Sections 7(e) and 7(f) of this Consent Decree.

3 iv. Correspondence: Soundkeeper and SIMC will be copied on
4 all correspondence to and from Dr. Sahu by the other regarding dust analysis
5 or the design of dust control measures or studies. Soundkeeper and SIMC
6 will be notified of and permitted to participate in any substantive meetings
7 or conference calls with Dr. Sahu relating to the dust analysis or the design
8 of dust control measures or studies. All data from the dust monitoring studies
9 described in this Consent Decree will be shared with Soundkeeper within
10 seven days of it becoming available to SIMC.

11 v. Website: SIMC agrees to maintain the public facing webpage
12 (www.seairon.com/environmental-documents) and to post all data collected
13 during each of the three phases described above within 14 days of data
14 validation. SIMC will post copies of all final reports produced by Dr. Sahu
15 to analyze the data on this webpage within 7 days of report finalization.
16 SIMC will also fund production by Dr. Sahu of publicly accessible
17 explanations and summaries using nontechnical language, and depicting data
18 both numerically and graphically, to post on the webpage
19 contemporaneously. SIMC also agrees to fund the translation of the reports
20 and summaries into Spanish and Vietnamese, and to post the translated
21 copies on the above-mentioned webpage within 7 days of translation. SIMC
22 will pay translation costs directly to mutually acceptable translators within
23 14 days of invoicing.

24 vi. Public Meetings: SIMC agrees to coordinate with
25 Soundkeeper on community town hall meetings to occur annually for the
26 duration of the Consent Decree in either Georgetown or South Park to

publicize results of each phase of the dust study, and answer community questions and concerns. SIMC agrees to have at least one facility representative present at each meeting, and also agrees to fund Dr. Sahu's attendance and presentation. SIMC further agrees to fund the costs of the meeting space, language translation (Spanish and Vietnamese), production and printing of outreach materials, dinner for attendees, and onsite childcare for attendees. SIMC will pay all costs directly to mutually agreeable vendors.

vii. Corrective action: The data from the first dry season of the Phase III dust monitoring described above must be analyzed to determine if the controls are effective. If the controls are not effective at reducing the dust concentrations during SIMC's operating hours (during dry weather) to $10 \mu\text{g}/\text{m}^3$, or the background level determined by Dr. Sahu based on additional data collection, and reducing PCBs to the background PCB levels determined in Phase I monitoring completed under Section 7(g)(i) of this Consent Decree (hereinafter, the "Phase I background PCB level"), SIMC must commit to enhancing the controls as follows:

1. If the dust controls installed at the 601 Myrtle parcel of the 601 Facility, or the 701 parcel of the 601 Facility, as measured during Phase III, are insufficient to reduce the dust concentrations during SIM's operating hours (during dry weather) to $10 \mu\text{g}/\text{m}^3$, or the background level determined by Dr. Sahu based on additional data collection, or the PCBs are above the Phase I background PCB levels, Dr. Sahu will inspect the pertinent facility and make recommendations for appropriate improvements to address the issues. Within two months of such

1 an inspection, Dr. Sahu will issue his recommendations. SIMC
2 must implement Dr. Sahu's recommendations before the onset of
3 the next dry season. If SIMC determines that one or more of the
4 recommendations are not practicable or implementable then
5 SIMC may invoke the dispute resolution provisions of this
6 Consent Decree and obtain relief from Dr. Sahu's
7 recommendations from the Court in the form of a modification to
8 this Consent Decree.

9 viii. SIMC will pay into Smith & Lowney PLLC's client trust
10 account money sufficient to cover the cost of Dr. Sahu's work under this
11 Consent Decree. Smith & Lowney PLLC will administer the funds to Dr.
12 Sahu, but SIMC is solely responsible for adequately funding the trust
13 account to cover the cost of Dr. Sahu's work and any subcontractors and
14 laboratory costs.

15 ix. SIMC will continue to maintain daily logs of dust
16 observations and dust control efforts at the 601 Facility during the period May
17 1 through September 30 each year, and during extended dry periods (defined
18 by the absence of rainfall for more than five days) during the period October
19 1 through April 30. Not later than the date of entry of this Consent Decree,
20 SIMC will begin keeping track of whether its auto shredder is operating
21 normally and any unusual shredding activities with the potential to generate
22 dust on the daily logs. Log entries shall be made for all hours during which
23 the Facility and/or the shredder operates.

24 x. Not later than the date of entry of this Consent Decree, SIMC
25 will implement a program to discourage truck traffic associated with the
26 Facilities from using certain residential streets nearby the Facilities.

Specifically, SIMC will post the Approved and Restricted Traffic Routes map and legend, attached to this Amendment to Consent Decree as **Attachment D**, to its website, and provide copies of the map to and instruct trucks entering and exiting the Facilities to use the Approved Routes and avoid the Restricted Routes identified in Attachment D.

xi. SIMC will arrange a meeting with Soundkeeper, the City of Seattle, and Ecology to discuss the Filterra treatment systems in the city right-of-way abutting the north and south sides of the 601 Facility and will employ its best efforts to coordinate with the City of Seattle and Ecology regarding this issue.

5. Section 7(h) of the Consent Decree is amended and replaced as follows:

h. Starting on March 15, 2019, and continuing for six years, SIMC will forward all correspondence to and from the Department of Ecology, and all documents provided to the Department of Ecology, related to the NPDES Permits, and monthly dust control logs and dust observation or complaint emails SIMC receives in the corresponding month, to Soundkeeper on a monthly basis, and provide written summaries to Soundkeeper on its progress implementing the consent decree, on a quarterly basis. Where practicable, as in the case of structural improvements, SIMC will include photographs of tasks completed in its quarterly progress reports to Soundkeeper. SIMC will also provide Soundkeeper with electronic copies of its SWPPPs as required herein and upon request within 5 days.

6. Section 7(i) of the Consent Decree is amended and replaced as follows:

i. Not later than thirty days after invoicing, SIMC will pay Soundkeeper its reasonable costs, including expert and attorneys' fees, of monitoring SIMC's compliance with this consent decree, and conferring regarding corrective actions and dispute resolution pursuant to this consent decree, in an

1 amount not to exceed \$60,000 (SIXTY THOUSAND DOLLARS).

2 7. Section 8 of the Consent Decree is amended and replaced as follows:

3 8. Not later than thirty days after entry of this Amendment to Consent Decree,
4 SIMC will pay \$90,000 (NINETY THOUSAND DOLLARS) to Just Health Action and
5 Seattle Parks Foundation via payments of \$45,000 to each organization by check to
6 addresses provided in **Attachments B and E** for environmental and human health benefit
7 projects in the Duwamish River and central Puget Sound watersheds as described in
8 Attachments B and E. Payment shall include the following reference in a cover letter or on
9 the check: "Amendment to Consent Decree, Soundkeeper v. Seattle Iron & Metals Corps."
10 A copy of the check and cover letter shall be sent simultaneously to Soundkeeper.
11 Additionally, in the event that SIMC fails to install the deduster by the deadline established
12 in Section 7(e)(iii), above, SIMC will pay an additional \$10,000 to Just Health Action. In
13 the event that SIMC further fails to install the deduster within 60 days of the deadline
14 established in Section 7(e)(iii), above, SIMC will pay an additional \$15,000 to Just Health
15 Action. These contingent payments are in addition to any stipulated penalties required by
16 Section 7(e)(iii), above.

17 8. Section 13 of the Consent Decree is amended and replaced as follows:

18 13. This Consent Decree takes effect upon entry by the Court. It terminates on
19 March 15, 2026.

20 9. The contact information for SIMC in Section 17 of the Consent Decree is amended
21 as follows:

1 **if to Seattle Iron & Metals Corp.:**

2 Matthew Stock
3 JOYCE ZIKER PARTNERS, PLLC
4 1601 Fifth Avenue, Suite 2040
5 Seattle, WA 98101
6 Email: mstock@jzplaw.com

7 10. Except as specifically amended by this Amendment to Consent Decree, the terms
8 and conditions of the Consent Decree (Dkt. #84) remain in full force and effect.

9 DATED this 30th day of October, 2020.

10
11 

12 RICARDO S. MARTINEZ
13 CHIEF UNITED STATES DISTRICT JUDGE

14
15
16
17
18 *Presented by:*

19
20 JOYCE ZIKER PARTNERS, PLLC

SMITH & LOWNEY PLLC

21 By: /s/ Matthew Stock

22 Matthew J. Stock, WSBA No. 40223
23 Attorneys for Defendant SIMC

By: /s/ Claire E. Tonry

Richard A. Smith, WSBA No. 21788
Claire E. Tonry, WSBA No. 44497
Attorneys for Plaintiff Soundkeeper

Attachment A

City of Seattle
Department of Construction and Inspections (Seattle DCI)
PLAN COVERSHEET Updated 01/01/16

INSTRUCTIONS: Complete all areas of sections 1 - 7 that pertain to your project. Please note that sections 8 - 14 are to be completed by Seattle DCI staff.

*Mac users fill out this form with Acrobat not Reader

1. APPLICANT INFORMATION	
PROJECT ADDRESS	PROJECT #
DESCRIPTION OF WORK	
OWNER	ADDRESS
PHONE	E-MAIL
CONTACT PERSON	ADDRESS
PHONE	FAX
	E-MAIL
PREVIOUS RELATED MUPs	
RELATED STANDARD PLANS	

2. LAND USE CODE INFORMATION	
ZONE	ASSESSOR'S PARCEL NO.
OVERLAY ZONING	DESIGN REVIEW? <input type="checkbox"/> Yes <input type="checkbox"/> No
HISTORIC OR LANDMARK DISTRICT	If yes, please provide: Planner
SHORELINE ZONE	Planner's phone no.
<input type="checkbox"/> Exempt <input type="checkbox"/> Requires Shoreline review	
SEPA <input type="checkbox"/> Exempt <input type="checkbox"/> Requires review	
EXISTING USE	SQ. FT.
PROPOSED USE	SQ. FT.
DEPARTMENT OF NEIGHBORHOODS CERTIFICATE OF APPROVAL REQUIRED? <input type="checkbox"/> Yes <input type="checkbox"/> No	
STREET/ALLEY IMPROVEMENTS OR WORK IN THE RIGHT OF WAY REQUIRED? <input type="checkbox"/> Yes <input type="checkbox"/> No	
PARKING SPACES	
Existing Onsite	Offsite
Proposed Onsite	Offsite
Offsite Location	TOTAL

3. HOUSING UNIT OCCUPANCY	
<small>DEFINITION: Housing unit means any dwelling unit, housekeeping unit, guest room, dormitory, or single room occupancy unit, and may include a residential unit in a commercial building, an artist's studio dwelling unit, or a live/work unit.</small>	
CHECK ONLY ONE BOX BELOW TO INDICATE HOUSING OCCUPANCY AT DATE OF PERMIT APPLICATION.	
<input type="checkbox"/> Unit(s) unoccupied <input type="checkbox"/> Unit(s) occupied by residential tenant	
<input type="checkbox"/> Unit occupied by property owner <input type="checkbox"/> Do not know	
<input type="checkbox"/> No units on property <input type="checkbox"/> Refer to property owner/tenant assistance	
<input type="checkbox"/> Unit(s) on property not affected by permit scope	
I certify, under penalty of perjury under the laws of the State of Washington, that the above information is true and correct.	
Owner/Applicant Signature	Printed Name
	Date
	Place

4. GROUND DISTURBANCE	
GROUND DISTURBANCE	<input type="checkbox"/> Yes <input type="checkbox"/> No
Excavation - cubic yards	Maximum height
DISPOSAL SITE	Fill - cubic yards
<input type="checkbox"/> Outside City of Seattle	Maximum height
<input type="checkbox"/> Inside City of Seattle	Address and/or permit #
Erosion control is required PRIOR to any ground disturbance. Please refer to Construction Stormwater Control and Soil Amendment Standard Plan.	

CUSTOMER ALERT!	
Site Inspection Required Prior to First Ground Disturbance - Call (206) 684-8900	
A Seattle DCI site inspection is required prior to any ground disturbance related to this permit, including clearing, grubbing or grading.	
Preconstruction Conferences, When Required - Call (206) 684-8860	
A Seattle DCI preconstruction conference should be scheduled prior to beginning work. A conference is required for the following types of work:	
1. When any special inspections are indicated on the plan	
2. When land use or design review conditions are indicated on the plan	
3. When a Seattle DCI plans examiner specifies on plans unusual or complex inspection or occupancy requirements	
Rules for Ufer Grounds - Call (206) 684-5383	
If you have any questions or concerns regarding the rules (2005 NEC) for installation of ufer grounds, please contact Seattle DCI's Electrical Technical Backup Monday - Friday, 7:00 a.m. to 4:30 p.m.	
Required SDOT Permits and Inspections	
Street Tree Inspections	
Protection and/or planting/pruning/removal of street trees requires Seattle Department of Transportation (SDOT) inspection and approval. Call prior to construction:	
Commercial/Multifamily Zones, (206) 684-5693	
Single Family Zones, (206) 684-7997	
Street Use Permits Call prior to construction: (206) 684-5283	
Water Service Inspection by SPU Required	
All water service piping on property must be inspected prior to backfilling trench. For information and inspection, call Seattle Public Utilities (SPU) at (206) 684-5800. For water quality backflow protection information and inspection, call SPU at (206) 684-3536.	
Waste Diversion Report to be submitted to SPU - Projects >750 square feet must submit a Waste Diversion Report to SPU within 60 days of DCI project final inspection approval. For information and submittal document: http://www.seattle.gov/util/ForBusinesses/Construction/CDWasteManagement/RecyclingRequirements/WasteDiversionReport/index.htm	

5. BUILDING CODE INFORMATION	
MULTIPLE BUILDINGS IN THIS PROJECT? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, fill out separate sheets and attach. Shown on plan sheet:	
PROVIDE THIS INFORMATION FOR EVERY BUILDING IN YOUR PROJECT	
DCI building ID (see building data sheet)	
Existing # of above-grade stories	Proposed # of above-grade stories
Existing # of below-grade stories	Proposed # of below-grade stories
Building code type of construction	
CODE USED FOR DESIGN (select one)	
<input type="checkbox"/> 2015 Seattle Building Code	
<input type="checkbox"/> 2015 Seattle Residential Code	
<input type="checkbox"/> 2015 SBC (struct) and 2015 SRC (arch)	
Mezzanines? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Location	
FLOOR LEVEL	
GROUP	
OCCUPANCY/USE	
FLOOR AREA	
SPRINKLER (Y/N)	
OTHER FIRE PROTECTION	
Remodel: Construction project value \$	
Sprinklers <input type="checkbox"/> NFPA 13 <input type="checkbox"/> NFPA 13 R <input type="checkbox"/> Partial system <input type="checkbox"/> Fire alarm <input type="checkbox"/> Other system Type	
Change of occupancy <input type="checkbox"/> Yes <input type="checkbox"/> No From To	
Posted occupancy	
EMERGENCY SYSTEMS PROVIDED	
<input type="checkbox"/> Elevator pressurization <input type="checkbox"/> Exit and pathway lighting <input type="checkbox"/> Stairway pressurization <input type="checkbox"/> Smoke removal system <input type="checkbox"/> Emergency generator	

6. ENERGY/MECHANICAL CODE	
<input type="checkbox"/> HVAC mechanical system is NOT included with this application (If mechanical drawings are included with plans, please stamp "for reference only")	
<input type="checkbox"/> HVAC mechanical system IS included with this application Mechanical System Values	
GENERAL PROJECT INFORMATION	
SCOPE OF CONSTRUCTION	
<input type="checkbox"/> New construction <input type="checkbox"/> Addition <input type="checkbox"/> Alteration <input type="checkbox"/> Substantial alteration (SBC CH 34)	
APPLICABLE OCCUPANCY	
<input type="checkbox"/> Single-family/duplex/townhouse <input type="checkbox"/> Multi-family 1-3 stories <input type="checkbox"/> Multi-family 4+ stories <input type="checkbox"/> Non-residential	
BUILDING ENVELOPE COMPLIANCE	
HEATED	
SEMI-HEATED	
UNHEATED	
<input type="checkbox"/> Existing Envelope - no change <input type="checkbox"/> Existing Envelope - altered <input type="checkbox"/> New Envelope	
SCOPE OF MECHANICAL WORK	
LOCATION OF DUCTWORK OR MECHANICAL EQUIPMENT	
<input type="checkbox"/> Interior <input type="checkbox"/> Exterior ground mounted <input type="checkbox"/> Rooftop <input type="checkbox"/> Exterior wall mounted	
MECHANICAL-ONLY PERMIT	
Related building permit project #	
COMMERCIAL BUILDINGS (Non-residential, R1 lodging, and Multi-family four stories and greater)	
COMPLIANCE PATH:	
<input type="checkbox"/> Prescriptive <input type="checkbox"/> Component Performance UA/SHGCA/VTa <input type="checkbox"/> Total building performance (TBP) <input type="checkbox"/> Target performance path (TPP)	
SEC C402.1 SEC C402.1.3 SEC C407 SEC C402.1.5	
OTHER MECHANICAL EQUIPMENT INCLUDED IN THIS APPLICATION	
<input type="checkbox"/> Commercial kitchen hood exhaust system <input type="checkbox"/> Fume hood <input type="checkbox"/> Spray paint booth <input type="checkbox"/> Other Specify:	
RESIDENTIAL BUILDINGS (Single family, duplex, townhouse, and multi-family 3 stories or less)	
COMPLIANCE PATH:	
<input type="checkbox"/> Prescriptive <input type="checkbox"/> Total UA alternative <input type="checkbox"/> Simulated performance alternative	
Heating Equipment:	
Minimum Size: Maximum Size: Energy Credit (Table R406.2) Option:	
DOCUMENTS INCLUDED	
<input type="checkbox"/> Residential equipment sizing calc (unit by unit) <input type="checkbox"/> Non-residential cooling and heating load (for other than Group R)	
<input type="checkbox"/> Target UA/SHGCA/VTa Calculation <input type="checkbox"/> Structural load calculation (for mechanical equipment) <input type="checkbox"/> Commercial kitchen hood worksheet	
<input type="checkbox"/> TBP or TPP Report <input type="checkbox"/> Noise compliance report (for mechanical equipment) <input type="checkbox"/> Other:	

7. PRIORITY GREEN	
(www.seattle.gov/sdci/prioritygreen)	
Prior approval to participate in Priority Green is required. The following does not establish Priority Green status.	
PRIORITY GREEN EXPEDITED	PRIORITY GREEN FACILITATED
Screening required prior to building permit intake appointment.	Screening required prior to building permit or MUP intake appointment.
Rating anticipated:	Rating anticipated:
Built Green	Priority Green Building Matrix - 10 points
<input type="checkbox"/> 4 star	Living Building Challenge
<input type="checkbox"/> 5 star	Built Green 5 Star + 2030 Challenge
LEED	LEED Platinum + 2030 Challenge
<input type="checkbox"/> Gold	Other:
<input type="checkbox"/> Platinum	Target Performance Path Compliance Method
Seattle DCI Alternative Path for Single Family	
<input type="checkbox"/> Using 3.5 credits for SEC Table 9-1	

8. LAND USE CONDITIONS (Seattle DCI staff use only)	
Assigned planner	Phone
NEW CURB CUT REQUIRED <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Residential <input type="checkbox"/> Commercial	

9. SPECIAL INSPECTIONS (Seattle DCI staff use only)	

10. DRAINAGE & SEWER REVIEW (Seattle DCI staff use only)	
SEATTLE DCI SEWER AND DRAINAGE REVIEW DESK: (206) 684-5362 or sidesewerinfo@seattle.gov	
DRAINAGE REVIEW REQUIRED? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Flow control required	
<input type="checkbox"/> Impervious surface this project (new or replaced) in sq. ft.	
<input type="checkbox"/>	
NOTE: The drainage system shown in these plans may be changed at the time of side sewer permit issuance to meet standard plans and methods.	
SIDE SEWER REVIEW REQUIRED? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> No conflict with side sewer	
<input type="checkbox"/> Construction conflicts with applicant's side sewer. Contact Public Health Department at (206) 233-7914	
<input type="checkbox"/> Construction conflicts with side sewer serving another property - Contact Seattle DCI Sewer and Drainage Review Desk at (206) 684-5362	
<input type="checkbox"/>	
Reviewed by	Date
NOTE: A separate side sewer permit is required from Seattle DCI for ALL new drainage and sewer installations. For more information, call the Sewer and Drainage Review Desk at (206) 684-5362 or sidesewerinfo@seattle.gov.	

11. ENVIRONMENTALLY CRITICAL AREAS INFO (Seattle DCI staff use only)	
ENVIRONMENTALLY CRITICAL AREAS (ECA)	
<input type="checkbox"/> Site is not located in ECA	
<input type="checkbox"/> Mapped ECA designation <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11	
<input type="checkbox"/> ECA identified by pre-application site visit report as	
<input type="checkbox"/> ECA exemption (see review details in Hansen)	
Reviewed by	Date
<input type="checkbox"/> Denied <input type="checkbox"/> Granted Type	
<input type="checkbox"/> Small project waiver	
New development coverage this permit (sq. ft.)	
Previous development coverage (after 10/31/92)	Permit #
	Sq. ft.
Permit #	Sq. ft.
	Total

12. SHOP DRAWINGS, KEY AREA INSPECTION & BUILDING CONDITIONS	
(Seattle DCI staff use only)	
Sprinkler drawings required for:	<input type="checkbox"/> NFPA 13 <input type="checkbox"/> NFPA 13 R <input type="checkbox"/> Partial system Location
Required shop drawings/ key area inspections:	<input type="checkbox"/> Fire alarm

13. PERMIT ISSUANCE AUTHORIZATION			
(Seattle DCI staff use only)			
REVIEW LOCATION	APPROVAL INITIALS	DATE	NOTES
ZONING (incl. street improvements)			
CURB CUT			
ORDINANCE			
STRUCTURAL			
ENERGY			
MECHANICAL			
DRAINAGE			
ECA			
GRADING			
WATER (SPU)			
FIRE			
HEALTH (King County)			
NOISE			
CONVEYANCE/ELEVATOR			
SHORING (SDOT)			
STREET IMPROVEMENT (SDOT)			
PARKS			
PROTECTED DISTRICTS (DON)			
SEPA EXEMPTION			
LAND USE			

14. DEPARTMENT SIGN OFFS (Seattle DCI staff use only)		
ISSUED BY	DATE	
BUILDING PLANS EXAMINER		
MECHANICAL PLANS EXAMINER		
DATE RECEIVED AT INTAKE		

SEATTLE IRON & METALS

DUST CONTROL IMPROVEMENTS

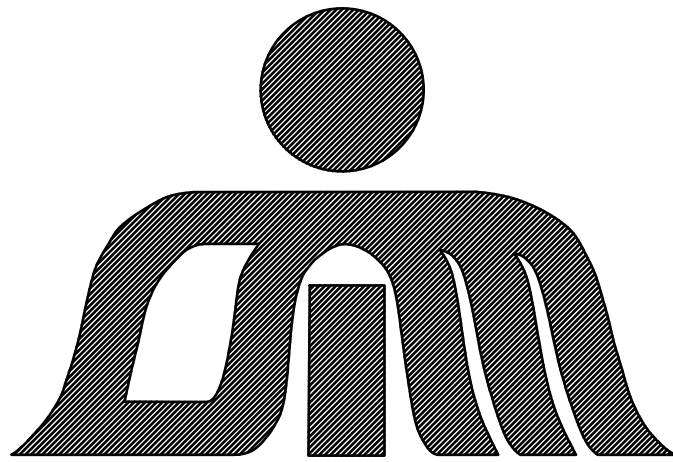
NE SECTION 29, TOWNSHIP 24 NORTH, RANGE 4 EAST, W.M.

OWNER

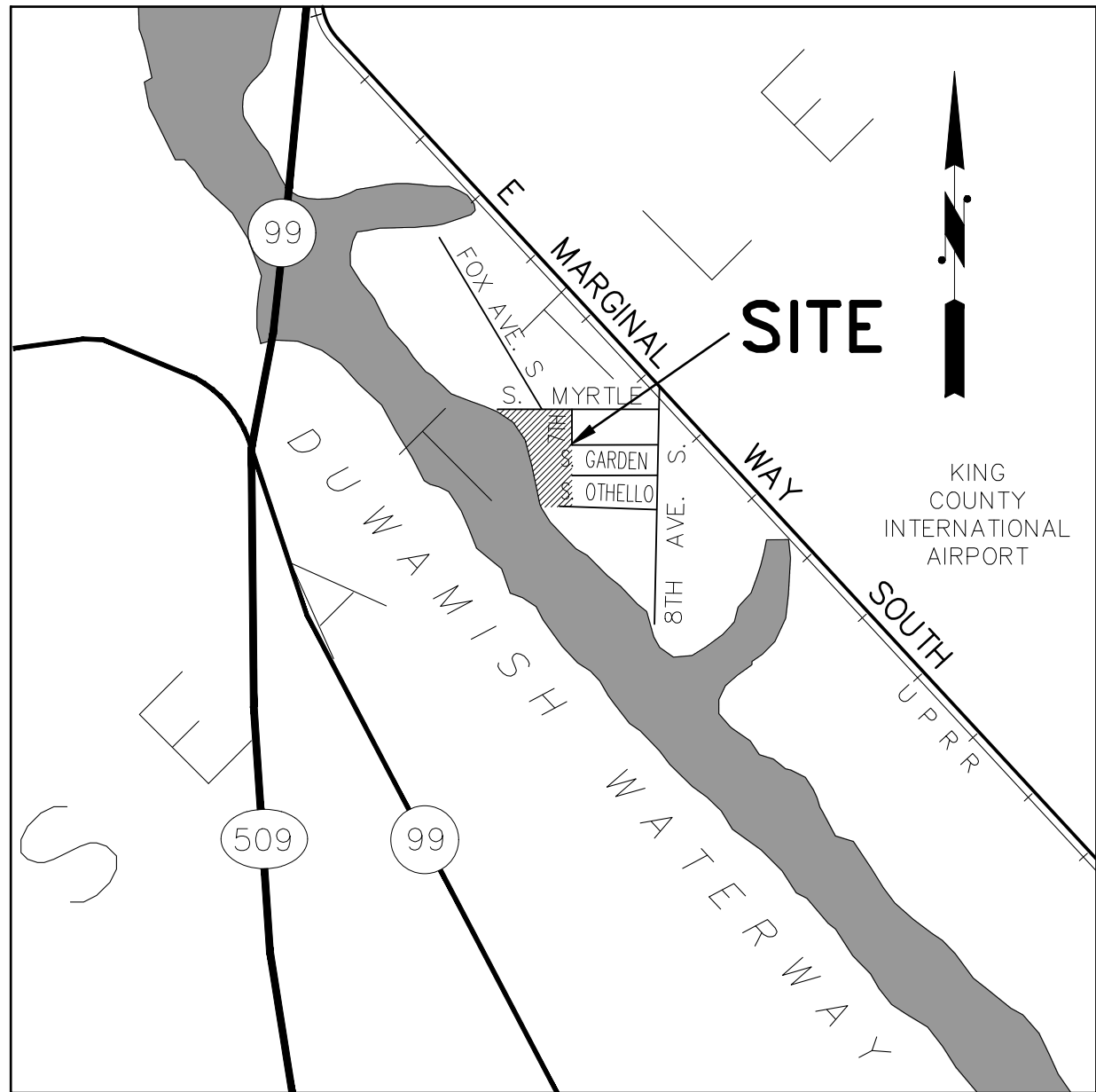
SHALMAR 08, LLC
SEATTLE IRON & METALS CORP.
601 S. MYRTLE STREET
SEATTLE, WA 98108
(206) 682-0040
CONTACT: ALAN SIDELL

CONSULTANTS

CIVIL AND STRUCTURAL ENGINEER:
KPFF CONSULTING ENGINEERS
2407 NORTH 31ST STREET, SUITE 100
TACOMA, WA. 98407
(253) 396-0150
CONTACT: IAN FRANK



SEATTLE IRON & METALS CORP.



VICINITY MAP
N.T.S.

PROJECT DATA

BENCHMARKS	HORIZONTAL DATUM: NAD 83/91 VERTICAL DATUM: NAVD 88 (ADD 2.99 TO ELEVATIONS TO OBTAIN MLLW) BENCHMARK: CITY OF SEATTLE BRASS CAP STAMPED "C OF S 5410" SET IN SW CORNER OF 4.6" TALL PLANTER BOX ATTACHED TO THE SW CORNER OF US WEST BUILDING AT THE NE CORNER OF THE INTERSECTION OF E MARGINAL WAY S AND CORSON AVE. S. ELEVATION = 22.333 NAVD88
SITE ADDRESS	601 S. MYRTLE STREET
ZONING	IG1, U85, UI

DRAWING INDEX

SHEET NO.	DRAWING TITLE
G1.0	COVER SHEET
G1.1	LEGEND & ABBREVIATIONS
C1.0	OVERALL SITE PLAN
C2.0	CIVIL SITE PLAN
C3.0	CIVIL DETAILS
C3.1	CIVIL DETAILS
S1.0	STRUCTURAL NOTES
S2.0	STRUCTURAL SITE PLAN
S3.0	DE-DUSTING EQUIPMENT FOUNDATION
S4.0	WIND SCREEN 1 PLAN AND SECTION
S4.1	WIND SCREEN 2 PLAN AND SECTION
S4.2	WIND SCREEN 3 PLAN AND SECTION
S5.0	STRUCTURAL DETAILS

LEGAL DESCRIPTION

PARCEL A: #2136200706:

DUWAMISH INDUSTRIAL ADD PORS OF NE 1/4 OF SW 1/4 & OF SE 1/4 OF NW 1/4 STR 29-24-4 TGW POR OF ABANDONED BED OF DUWAMISH RVR LY IN SD 1/4 SECS TGW POR VAC S ORCHARD ST PER ORD #50034 TGW POR VAC S GARDEN ST POR ORD # 112815 REC #8605150946 TGW PORS OF LOTS 9 & 10 BLK 7 & TRS 21 THRU 23 SD PLAT DAF - BEG AT S QTR SEC COR OF SD SEC 29 TH N 00-57-26 E ALG THE CENTER LN OF SD SEC 29 A DIST OF 2256.41 FT TAP ON N MGN OF S GARDEN ST AS DEDICATED IN SD PLAT SD PT BEING THE TPOB TH W ALG SD MGN 353.23 FT TH S 00-00-00 E A DIST OF 60.00 FT TH W ALG THE S MGN OF GARDEN ST PROJECTED 418.36 FT TAP ON ELY MGN OF CWW DIST NO 1 TH N 43-32-00 W ALG SD ELY MGN 717.91 FT TAP ON S MGN OF S MYRTLE ST PROD WLY AS DEEDED TO CITY OF SEATTLE BY DEED UNDER NO 833369 TH S 89-59-17 E ALG SD S MGN 228.47 FT TH N 63-10-07 E A DIST OF 88.58 FT TO C/L OF S MYRTLE ST TH S 48-57-17 E A DIST OF 60.93 FT TO S MGN OF S MYRTLE ST PROD WLY & THE NW COR OF A TRACT OF LAND DEEDED UNDER NO 2733678 TH S 89-59-17 E ALG SD S MGN 581.76 FT TO WLY MGN OF 7TH AVE S TH S 00-00-43 W ALG SD W MGN 259.87 FT TO S MGN OF S ORCHARD ST TH CONT S 00-00-43 W A DIST OF 70.71 FT TH W A DIST OF 22.76 FT TH S 00-03-53 W A DIST OF 124.71 FT TAP THAT IS 5.00 FT N OF OF N MGN OF S GARDEN ST TH E ON A LN THAT IS PLW SD N MGN 401.93 FT THE E LN OF W 10.00 FT OF LOT 9 BLOCK 7 OF SD PLAT TH S 00-08-57 E ALG SD E LN 5.00 FT TO N MGN OF S GARDEN ST TH W A DIST OF 48.28 FT TO THE TPOB - AKA PARCEL B OF SEATTLE LOT BOUNDARY ADJUSTMENT NO 8708120 REC NO 8809140174 -- FORMERLY KNOWN AS A POR OF PARCEL A OF SEATTLE LLA NO 8600523 REC NO 8606171413

PARCEL B: #2924049089:

PORS OF ABANDONED BEDS OF DUWAMISH RIVER LY WITHIN NE 1/4 OF SW 1/4 STR 29-24-04 TGW THOSE PORS OF TRACTS 19 & 20 OF DUWAMISH INDUSTRIAL ADD DAF - - BEG A S 1/4 SEC COR OF SD SEC 29 TH N 00-57-56 E ALG THE C/L OF SD SEC 29 A DIST OF 1976.47 FT TAP ON N MGN OF S OTHELLO ST AS DEDICATED IN SD PLAT TH N 89-58-57 W ALG SD R/W 477.56 FT TO SW COR OF SD TRACT 20 AND THE TPOB TH S 20-44-33 E A DIST OF 53.47 FT TO NW COR OF TRACT 16 OF SD PLAT TH S 10-03-29 W A DIST OF 38.93 FT TO ELY MGN OF CWW DIST NO 1 AND THE MOST MLY COR OF TRACT 16 TH N 49-00-00 W ALG SD ELY MGN 65.71 FT TAP OF NXN OF CWW DIST NO 1 MCNS TH CONT ALG SD ELY MGN N 43-32-00 W A DIST OF 365.49 FT TO S LN OF S GARDEN ST PROJECTED WLY TH ALG SD PROJECTION LN AND THE S MGN OF S GARDEN ST AND THE N LN OF SD TRACTS 19 & 20 E A DIST OF 369.87 FT TAP ON A LN THAT IS 700.00 FT W OF AND PLW THE E LN OF TRACT 17 OF SD PLAT TH S 00-08-57 E A DIST OF 219.78 FT TO N MGN OF S OTHELLO ST AND THE S LN OF SD TRACT 20 TH N 89-58-57 W A DIST OF 81.24 FT ALG SD MGN TO THE TPOB - AKA PARCEL A OF SEATTLE LOT BOUNDARY ADJUSTMENT NO 8708120 REC NO 8809140174.

PROJECT DESCRIPTION

THE WORK INCLUDES CONSTRUCTION OF CONCRETE FOUNDATIONS TO SUPPORT A DEDUSTER SYSTEM AND SUPPORTS FOR WIND SCREEN. THE FRAMING AND DEDUSTING SYSTEM WILL BE DESIGNED BY THE DEDUSTING MANUFACTURER. THE WIND SCREEN SYSTEM WILL BE DESIGNED BY THE WIND SCREEN MANUFACTURER.

kpff

2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162



NO.	DATE	BY	REVISION

SEATTLE IRON AND METALS
DUST CONTROL IMPROVEMENTS

COVER SHEET

DRAWN: TRL	PROJECT NO.: 1900195
DESIGN: KCP	SCALE: AS SHOWN
CHECKED: IDF	DATE: 8/10/2020
DRAWING NO.	G1.0
SHEET NO.	01 OF 13

ABBREVIATIONS

#	NUMBER
ø	DIAMETER
@	AT
AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
ACI	AMERICAN CONCRETE INSTITUTE
ACP	ASBESTOS CONCRETE PIPE OR ASPHALTIC CONCRETE PAVEMENT
ADDL	ADDITIONAL
ADJ	ADJACENT
ADMIN	ADMINISTRATION
AGGR	AGGREGATE
AGPI	ABOVE GROUND PRE-INSULATED
ALT	ALTERNATE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APP or APPVD	APPROVED
APPROX	APPROXIMATE
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
AREA	AMERICAN RAILWAY ENGINEERING ASSOCIATION
AREMA	AMERICAN RAILWAY ENGINEERING MAINTENANCE OF WAY ASSOCIATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AVG	AVERAGE
AWS	AMERICAN WELDING SOCIETY
AWWA	AMERICAN WATER WORKS ASSOCIATION
B/	BOTTOM OF
BFP	BACKFLOW PREVENTER
BFO	BURIED FIBER OPTIC
BLDG	BUILDING
BM	BENCH MARK or BEAM
BMP or BMP'S	BEST MANAGEMENT PRACTICES
BNSF	BURLINGTON NORTHERN SANTA FE
BOP	BOTTOM OF PIPE
BOT	BOTTOM
BRG	BEARING
BRZ	BRONZE
BTW or BTWN	BETWEEN
BV	BALL VALVE
CY	CONTAINER YARD OR CUBIC YARD
C/L	CENTERLINE
CAB	CRUSHED AGGREGATE BASE
CB	CATCH BASIN
CC	CENTER TO CENTER
CF	CUBIC FEET
CFS	CUBIC FEET PER SECOND
CIP	CAST IRON PIPE
CL	CENTER LINE or CLASS
CLF	CHAIN LINK FENCE
CLR	CLEAR or CLEARANCE
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
CONC	CONCRETE
CONT	CONTINUE or CONTINUOUS
CONT'D	CONTINUED
COORD	COORDINATE
COUP	COUPLING
CPT	CONE PENETROMETER TEST
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
CSBC	CRUSHED SURFACING BASE COURSE
CSG	CASING
CSTC	CRUSHED SURFACING TOP COURSE
CTR	CENTER
Dc	DEGREE OF CURVATURE
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIP	DUCTILE IRON PIPE
DWG	DRAWING
DWY	DRIVEWAY
E	EAST or EASTING
EA	EACH
EG	EXISTING GRADE
EL or ELEV	ELEVATION
ELEC or ELECT	ELECTRICAL
ENGR	ENGINEER
EP	EDGE OF PAVEMENT
EQ	EQUAL
ES	ELECTRICAL SUBSTATION or EACH SIDE
ETC	ET CETERA
EX or EXIST	EXISTING
EXP JT	EXPANSION JOINT
FDN	FOUNDATION
FF	FINISH FLOOR
FG	FINISH GRADE

FH	FIRE HYDRANT
FIN	FINISH
FL	FLOW LINE OR FLANGE
FLGD	FLANGED JOINT
FM	FORCE MAIN
FS	FINISHED SURFACE
FSM	FIRE SERVICE METER
FT	FOOT, FEET
FTG	FOOTING
G	GALLON
GAL	GALLON
GALV	GALVANIZED
GIS	GEOGRAPHIC INFORMATION SYSTEM
GPS	GLOBAL POSITIONING SYSTEM
GV	GATE VALVE
H or HORIZ	HORIZONTAL
HAZMAT	HAZARDOUS MATERIALS
HDPE	HIGH DENSITY POLYETHYLENE
HMA	HOT MIX ASPHALT
HORIZ	HORIZONTAL
HSS	HIGH STRENGTH STEEL
HSSD	HIGH STRENGTH STORM DRAIN
HT	HEIGHT
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN	INCH
INCL	INCLUDE
IP	IRON PIPE
IR	INDUSTRIAL REMEDIATION
JB	JUNCTION BOX
JS	JUNCTION STRUCTURE
JT	JOINT
KIP(S)	KILOPOUND(S)
L	LENGTH
LAT	LATERAL
LB	POUND
LF	LINEAL FOOT
LH	LEFT HAND
LIN	LINEAL or LINEAR
LOL	LAYOUT LINE
MAX	MAXIMUM
MH	MANHOLE
MHHW	MEAN HIGHER HIGH WATER
MHW	MEAN HIGH WATER
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
MLLW	MEAN LOWER LOW WATER
MLW	MEAN LOW WATER
MSP	MANUAL OF STANDARD PRACTICE
MUTCD	MANUAL OF UNIFORM TRAFFIC CONTROL
N	DEVICES
NE	NORTH or NORTHING
NG	NORTHEAST
NIC	NATURAL GAS
NO	NOT IN CONTRACT
NON-POT	NUMBER
NPT	NON-POTABLE
NPW	NATIONAL PIPE THREAD
NTS	NON-POTABLE WATER
NW	NOT TO SCALE
O2	NORTHWEST
OC	OXYGEN
OD	ON CENTER
ORT	OUTSIDE DIAMETER
OVH	OIL RETENTION TANK
OHWL	OVERHEAD
P/L or PL	ORDINARY HIGH WATER LINE
PB	PROPERTY LINE
PC	PULL BOX
PCC	POINT OF CURVATURE
PERF	PORTLAND CEMENT CONCRETE
PERP	PERFORATED
PG	PERPENDICULAR
PI	PERFORMANCE GRADE
PJ	POINT OF INTERSECTION
PNT	PUSH-ON JOINT
POT	POINT
PP	PORT OF TACOMA
PR	POWER POLE
PRESS RED	PRESSURE RATING
PROP	PRESSURE REDUCER
PRV	PROPOSED
PRVS	PRESSURE REDUCING VALVE
PSF	PRESSURE RELIEF VALVE
PS	POUNDS PER SQUARE FOOT
	POINT OF SWITCH

3.12.2020

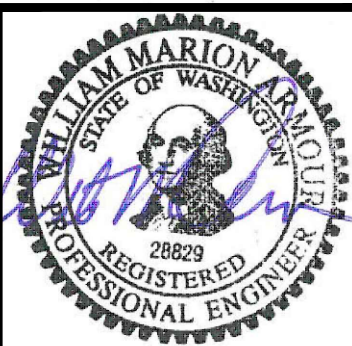
PSI	POUNDS PER SQUARE INCH
PT	POINT or POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE OR POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
R	RIDE OR RADIUS
R/W OR ROW	RIGHT OF WAY
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
REF	REFERENCE
REINF	REINFORCE OR REINFORCING
REQ'D	REQUIRED
RH	RIGHT HAND
RP	RADIUS POINT
RR	RAILROAD
RT.	RIGHT
S	SLOPE OR SOUTH
SD	STORM DRAIN
SDR	STANDARD DIMENSION RATIO
SDMH	STORM DRAIN MANHOLE
SE	SOUTH-EAST
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SPECS	SPECIFICATIONS
SQ	SQUARE
SF	SQUARE FEET
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STD	STANDARD
STL	STEEL
SW	SOUTHWEST
SYM	SYMMETRIC or SYMBOL
T/	TOP OF
TB	THRUST BLOCK
TBM	TEMPORARY BENCH MARK
TESC	TEMPORARY EROSION AND SEDIMENTATION CONTROL
TF	TRACK FEET
T&B	TOP AND BOTTOM
TO	TURNOUT
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TOP	TOP OF PIPE
TOR	TOP OF RAIL
TPU	TACOMA PUBLIC UTILITIES
TW	TOP OF WALL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
UV	ULTRA-VIOLET
V	VERTICAL
VAR	VARIABLE or VARIES
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
W	WATER, WEST, WIDTH
W/	WITH
W/O	WITHOUT
WHS	WELDED HEADED STUD
WM	WATER METER
WOIL	WASTE OIL
WWAY	WALKWAY
XO	CROSSOVER
XS	EXTRA STRONG

LEGEND

	SITE LOCATION POINT
	CONCRETE PAVEMENT
	HMA PAVEMENT
	EX PAVEMENT TO REMAIN
	PRECAST CONCRETE TRACK PANEL
	DEMOLISH PAVEMENT
	EXISTING RAIL
	DEMOLISH TRACK
	EXISTING TRACK C
	WATER LINE
	COMPRESSED AIR LINE
	SANITARY SEWER LINE (BURIED)
	SEWER DISCHARGE POINT
	ORT DISCHARGE POINT
	REMOVABLE CONCRETE PIPE BOLLARD
	PROJECT LIMITS
	TRENCH DRAIN
	EDGE OF ASPHALT
	WALL
	ELECTRICAL METER
	ELECTRICAL CABINET
	TRANSFORMER
	LIGHT J-BOX
	OVERHEAD LIGHT
	STORM CLEAN OUT
	WATER VAULT
	UNKNOWN UTILITY VAULT
	RAILROAD MANUAL SWITCH/NUMBER
	RAILROAD FROG



2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162

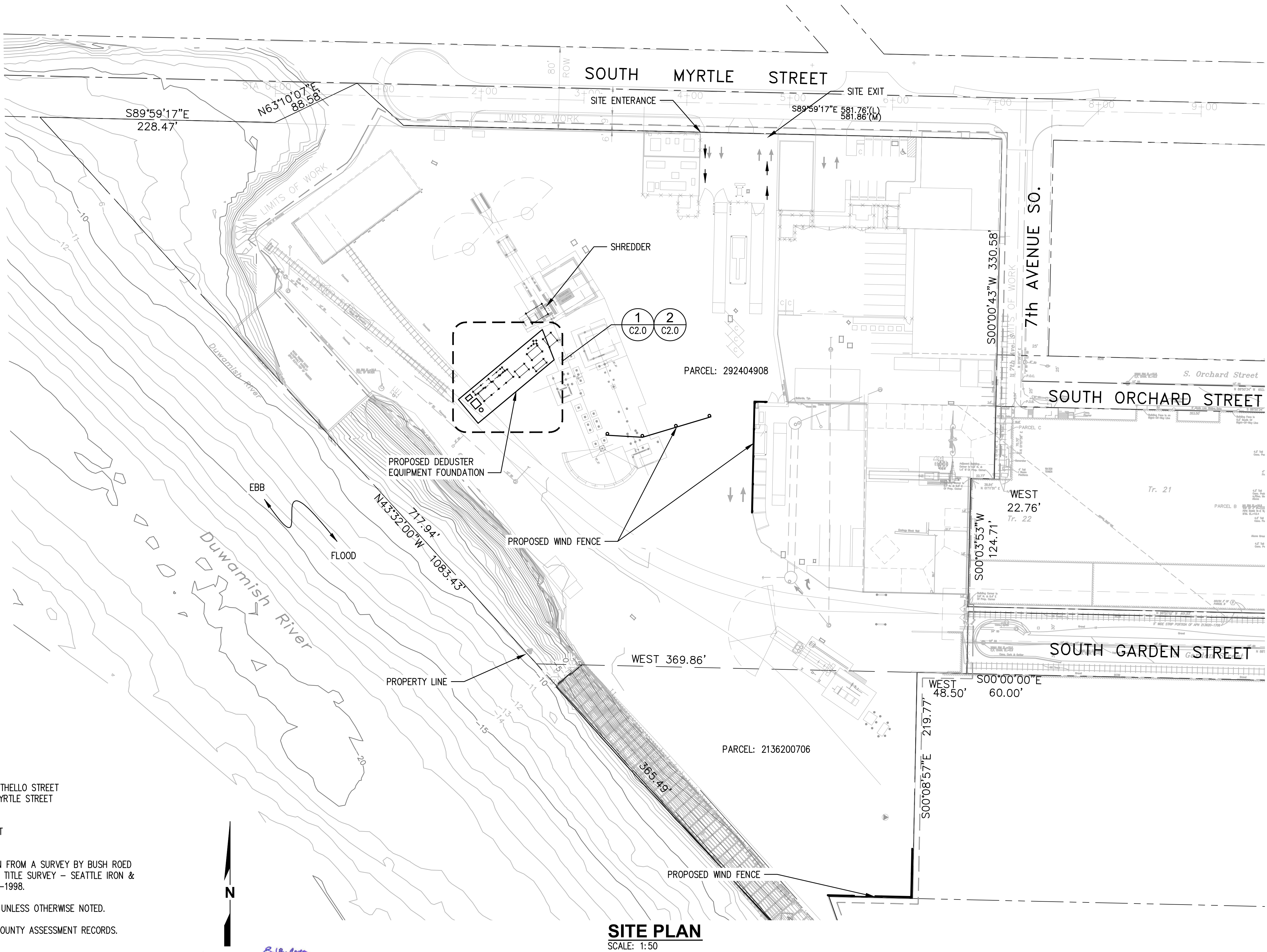


NO.	DATE	BY	REVISION

SEATTLE IRON AND METALS
DUST CONTROL IMPROVEMENTS

LEGEND AND ABBREVIATIONS

DRAWN: TRL	PROJECT NO.: 1900195
DESIGN: KCP	SCALE: AS SHOWN
CHECKED: IDF	DATE: 8/10/2020
DRAWING NO.	G1.1
SHEET NO.	02 OF 13

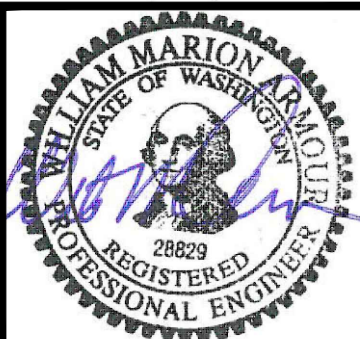


NOTES:

1. PROPERTY ADDRESS(ES):
PARCEL NUMBER 2924049089 - 620 S OTHELLO STREET
PARCEL NUMBER 2136200706 - 601 S MYRTLE STREET
2. PROPERTY OWNER: SHALMAR GROUP
601 S MYRTLE STREET
SEATTLE, WA 98108
3. PROPERTY BOUNDARY INFORMATION TAKEN FROM A SURVEY BY BUSH ROED AND HITCHINGS TITLED "ACSM/ALTA LAND TITLE SURVEY - SEATTLE IRON & METALS" DATED 03/1998, REVISED 12-21-1998.
4. ALL IMPROVEMENTS SHOWN ARE EXISTING UNLESS OTHERWISE NOTED.
5. LEGAL DESCRIPTIONS TAKEN FROM KING COUNTY ASSESSMENT RECORDS.

kpff

2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162

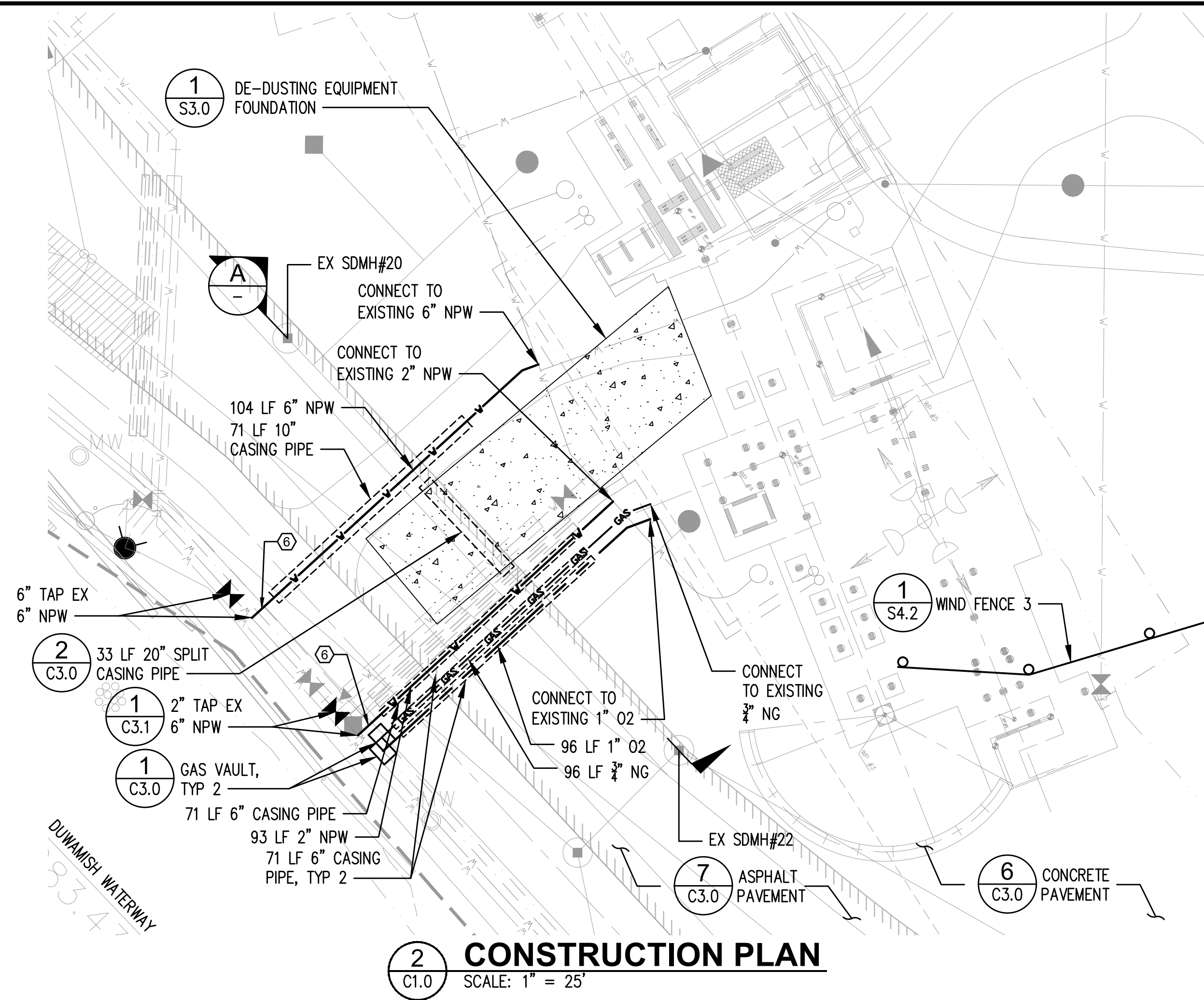
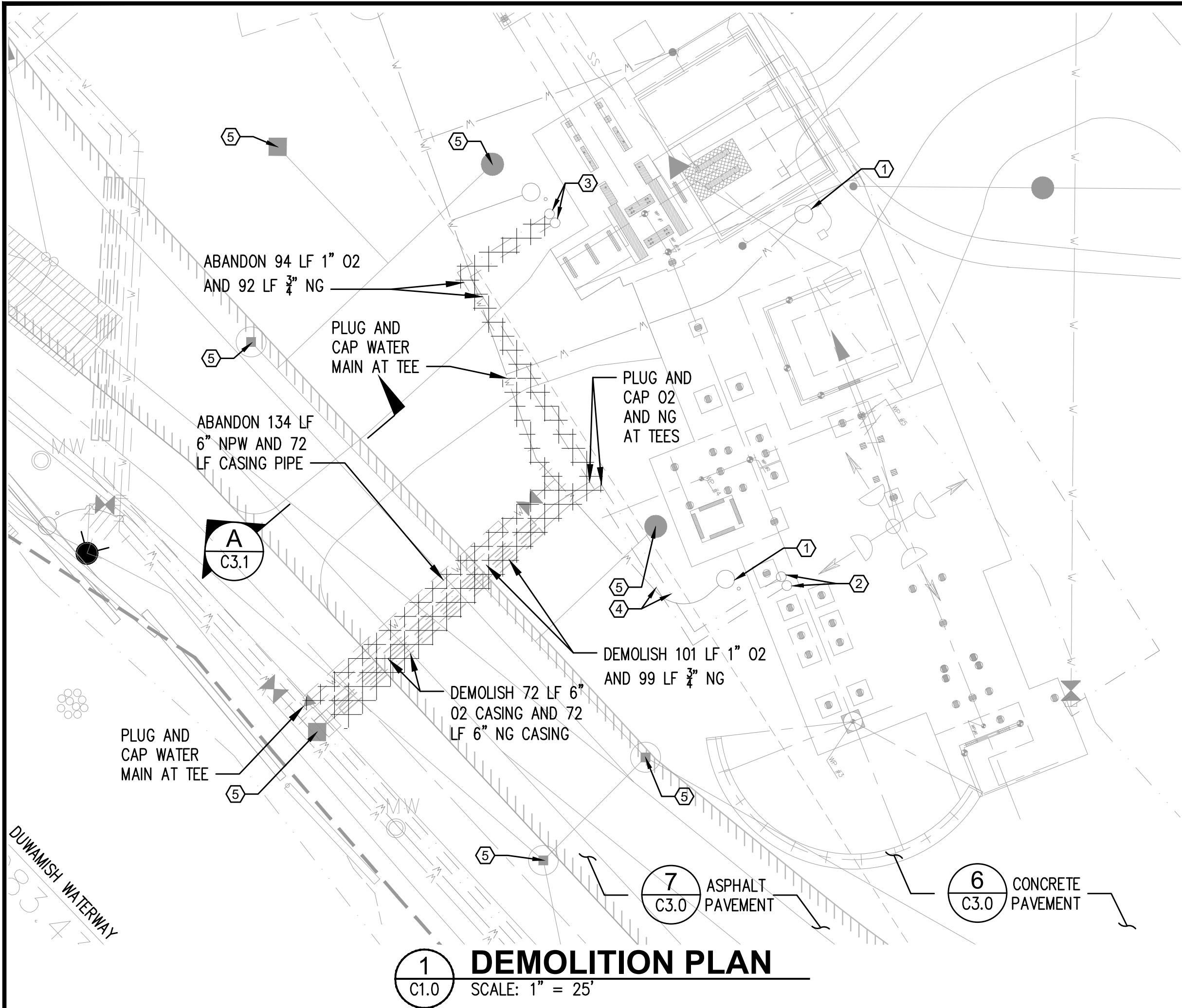


NO.	DATE	BY	REVISION

SEATTLE IRON AND METALS
DUST CONTROL IMPROVEMENTS

OVERALL SITE PLAN

DRAWN: ECM	PROJECT NO.: 1900195
DESIGN: WMA	SCALE: AS SHOWN
CHECKED: WMA	DATE: 8/10/2020
DRAWING NO.	C1.0
SHEET NO.	03 OF 13



KEYNOTES

- 1 PROTECT IN PLACE EXISTING NPW APPURTENANCE
- 2 PROTECT IN PLACE EXISTING O2 AND NG APPURTENANCE
- 3 ABANDON EXISTING O2 AND NG APPURTENANCE
- 4 PROTECT IN PLACE EXISTING O2 AND NG PIPE
- 5 INLET PROTECTION C3.0
- 6 INSTALL ETHA FOAM CUSHION UTILITY CROSSING AS REQUIRED C3.0

GENERAL NOTES

- 1. ALL WORK SHALL CONFORM TO THE CURRENT EDITION OF THE CITY OF SEATTLE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION AND THE CITY OF SEATTLE STANDARD PLANS 2020 EDITION. A COPY OF THESE DOCUMENTS SHALL BE ON SITE DURING CONSTRUCTION.
- 2. A COPY OF THE APPROVED PLAN SHALL BE ON SITE WHENEVER CONSTRUCTION IS IN PROGRESS. THROUGHOUT THE PROGRESS OF THE WORK OF THIS CONTRACT, MAINTAIN AN ACCURATE RECORD OF ALL CHANGES IN THE CONTRACT DOCUMENTS. UPON COMPLETION OF THE WORK OF THIS CONTRACT, PROVIDE ONE COMPLETE SET OF RECORD DOCUMENTS.
- 3. LOCATIONS OF EXISTING UTILITIES OBTAINED FROM AVAILABLE RECORDS AND ARE APPROXIMATE AND NOT NECESSARILY COMPLETE. CONTRACTOR TO VERIFY FIELD LOCATION OF ALL UTILITIES.

DEMOLITION NOTES

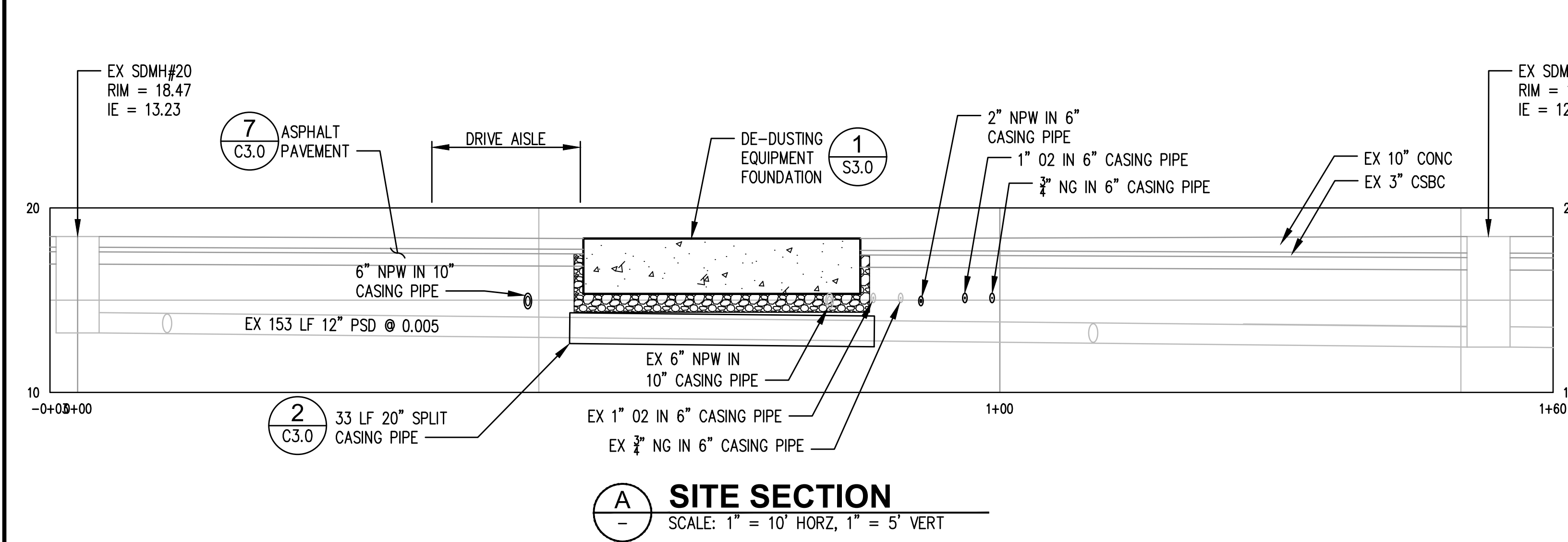
- 1. PROVIDE AND MAINTAIN TEMPORARY EROSION AND SEDIMENT CONTROL DURING DEMOLITION AND THROUGHOUT THE PROGRESS OF THE WORK OF THIS CONTRACT.
- 2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND SHALL PROVIDE SUFFICIENT NOTIFICATION TO THE APPROPRIATE UTILITY PRIOR TO WORK.
- 3. MAINTAIN AND PROTECT ALL MANHOLES, CATCH BASINS, FIRE HYDRANTS, MONITORING WELLS, WATER VALVES, PIPING, SURVEY MONUMENTS, AND WATER METERS, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER. CONTRACTOR SHALL REPAIR OR REPLACE ALL ITEMS DAMAGED BY HIS OPERATIONS.
- 4. THE PROJECT AREA IS AN INDUSTRIAL ZONE. THERE IS A POTENTIAL FOR BURIED OBJECTS TO BE ENCOUNTERED DURING CONSTRUCTION. THESE OBJECT MAY NOT BE REPRESENTED IN THE SURVEY. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF ANY UNIDENTIFIED OBJECTS AFFECTING CONSTRUCTION PROGRESS ARE ENCOUNTERED.

WATER AND SANITARY SEWER NOTES

- 1. DUCTILE IRON PIPE SHALL BE CLASS 52 WITH PUSH-ON JOINTS. FITTINGS AND JOINTS SHALL BE DUCTILE CLASS 52 WITH MECHANICAL JOINTS, UNLESS OTHERWISE NOTED. GLANDS ON MECHANICAL JOINT PIPE AND FITTINGS SHALL BE DUCTILE. TRENCHING AND BEDDING SHALL BE PER CITY OF SEATTLE STANDARD PLAN.
- 2. WATER LINES SHALL HAVE A MINIMUM COVER OF 3 FEET AND A MAXIMUM COVER OF 6 FEET. EXCEPTIONS SHALL BE ONLY AS SHOWN IN PLANS OR AS APPROVED BY THE ENGINEER.
- 3. SEATTLE IRON & METALS WATER SYSTEM SHALL BE INSPECTED BY SEATTLE WATER DEPARTMENT (SWD) WATER SERVICE INSPECTOR PRIOR TO BACKFILLING. THE CONTRACTOR SHALL COORDINATE WITH SWD.
- 4. ENTIRE WATER SYSTEM IS A RESTRAINT JOINT SYSTEM. CONTRACTOR SHALL USE MEGA LUG, UNI-FLANGE AND FIELD LOK JOINT RESTRAINED (RJ) SYSTEM UNLESS SHOWN OTHERWISE ON DRAWINGS.

TESC NOTES

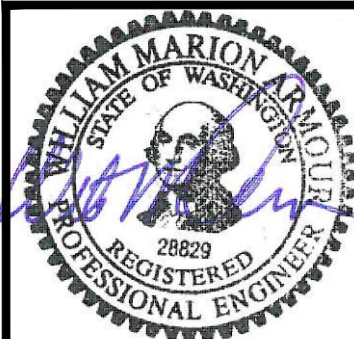
- 1. THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND ACCEPTED.
- 2. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CONSTRUCTION ACTIVITIES AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE STANDARDS.
- 3. THE ESC FACILITIES SHOWN ARE THE MINIMUM REQUIRED FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED (E.G., ADDITIONAL SUMPS, RELOCATION OF DITCHES AND SILT FENCES, ETC.) AS NEEDED FOR TYPICAL WEATHER CONDITIONS.
- 4. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY OR AS DIRECTED BY THE CITY OF SEATTLE TO ENSURE THEIR CONTINUED FUNCTIONING. THE ESC FACILITIES ON-SITE SHALL BE INSPECTED AND MAINTAINED DURING AND AFTER EACH RAIN EVENT, OR A MINIMUM OF ONCE A MONTH.
- 5. THE APPROVAL OF THE EROSION/SEDIMENTATION CONTROL PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERTINENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
- 6. ALL EROSION AND SEDIMENTATION CONTROL BEST MANAGEMENT PRACTICES (BMPs) SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL MAINTENANCE AND REPAIR SHALL BE CONDUCTED IN ACCORDANCE WITH THE CITY OF SEATTLE'S CONSTRUCTION BEST MANAGEMENT PRACTICES MANUAL AND ALL OTHER APPLICABLE STANDARDS AND REGULATIONS.
- 7. ANY AREA NEEDING ESC MEASURE, BUT NOT REQUIRING IMMEDIATE ATTENTION, SHALL BE ADDRESSED WITHIN 15 DAYS.
- 8. CONTRACTOR SHALL VERIFY EXTENT OF SILTATION WITHIN CONVEYANCE SYSTEM PRIOR TO START OF CONSTRUCTION. AT NO TIME SHALL MORE THAN 1 FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- 9. IF SEDIMENT IS TRANSPORTED ONTO A ROAD SURFACE, THE ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY A METHOD AS APPROVED BY THE ENGINEER AND BE TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.



Plotted: Aug 18, 2020 - 3:42pm emootes
N:\2019\1900195 sim shredder dedusting\part 3 - kprff design\3.13 drawings\Current\2-C2.0 CIVIL SITE PLAN.dwg
Layout: C2.0 CIVIL SITE PLAN
N:\2019\1900195 sim shredder dedusting\part 3 - kprff design\3.13 drawings\Current\2-C2.0 CIVIL SITE PLAN.dwg

kprff

2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162

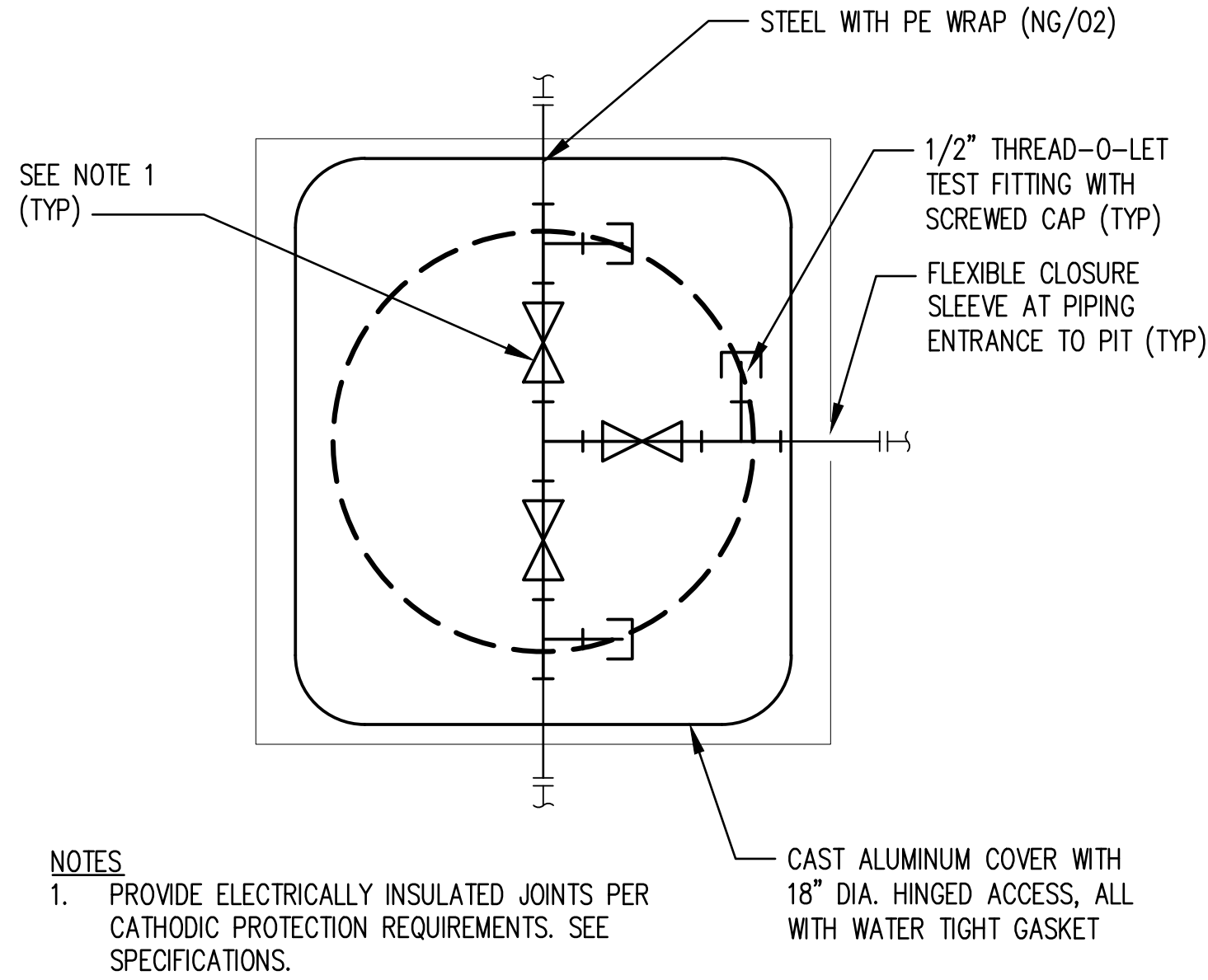


NO.	DATE	BY	REVISION

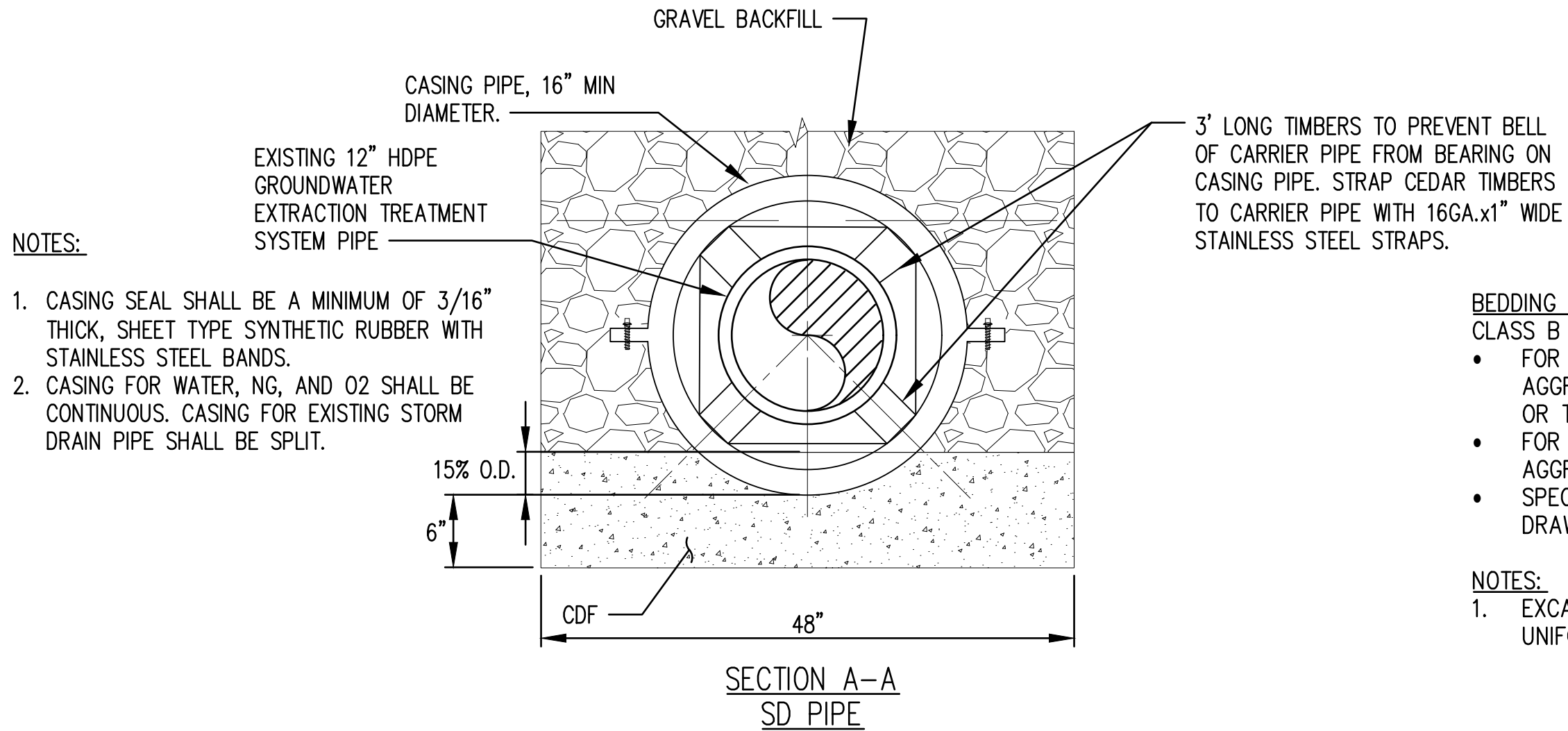
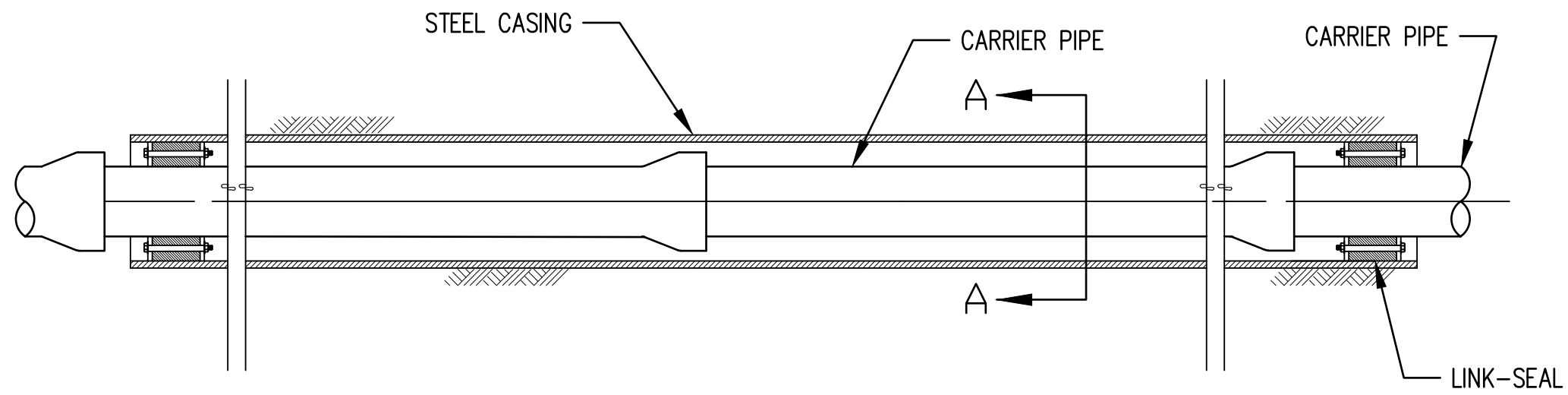
**SEATTLE IRON AND METALS
DUST CONTROL IMPROVEMENTS**

CIVIL SITE PLAN

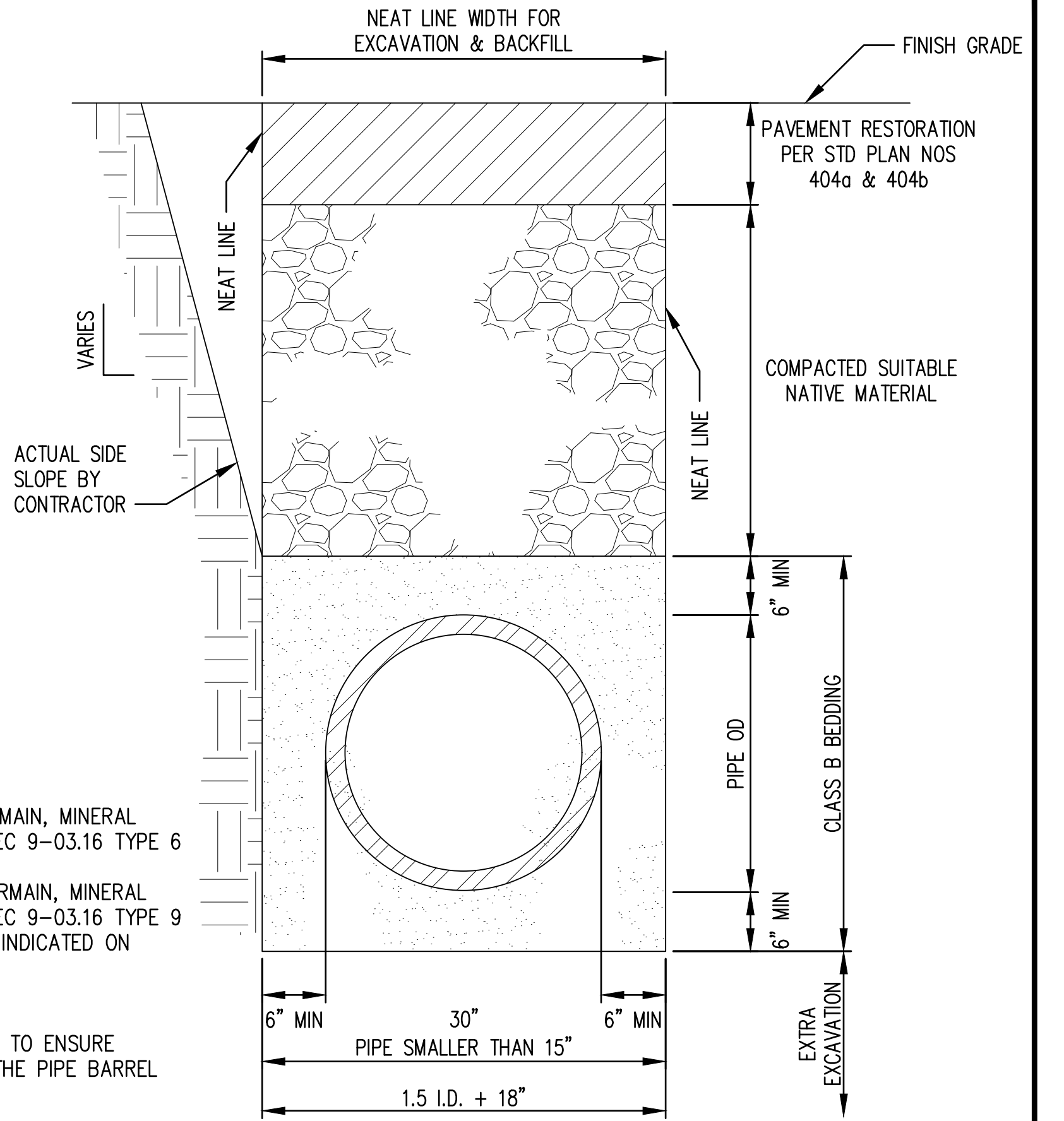
DRAWN: ECM	PROJECT NO.: 1900195
DESIGN: WMA	SCALE: AS SHOWN
CHECKED: WMA	DATE: 8/10/2020
DRAWING NO.	C2.0
SHEET NO.	04 OF 13



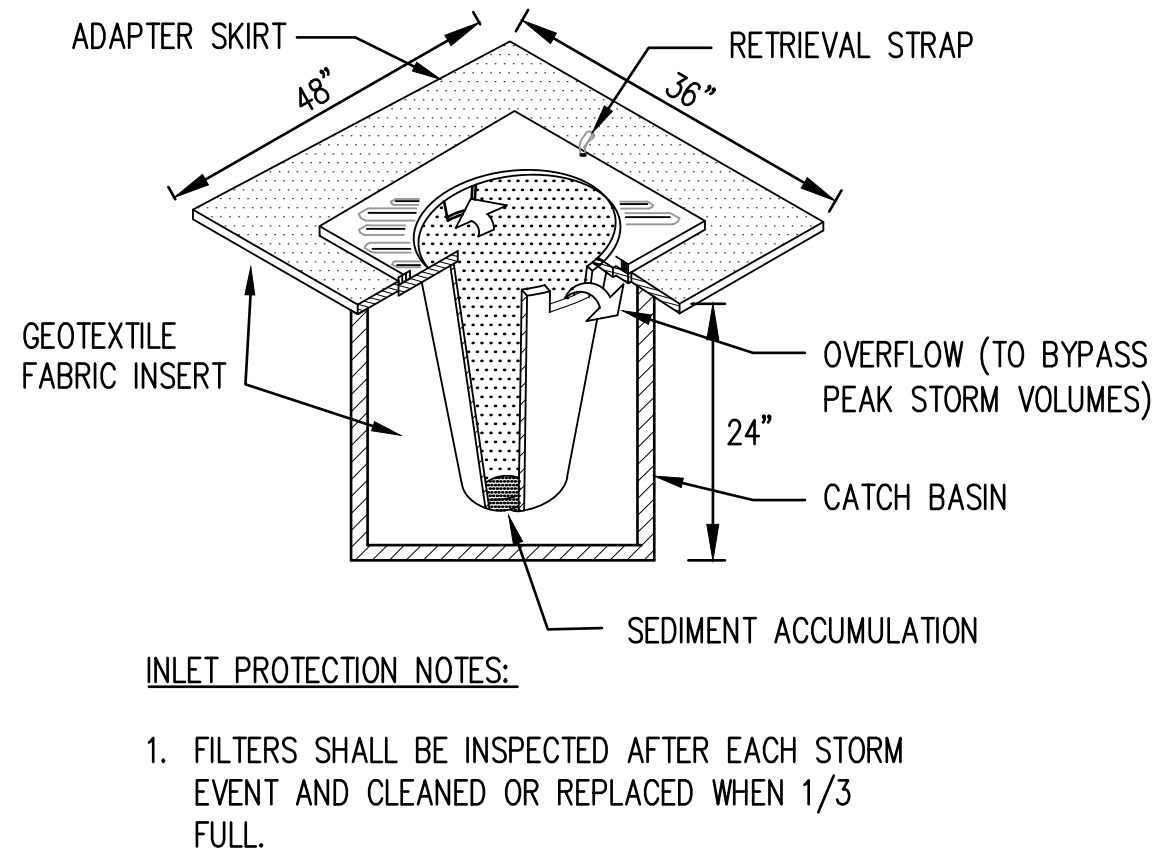
1 GAS VAULT
SCALE: NTS



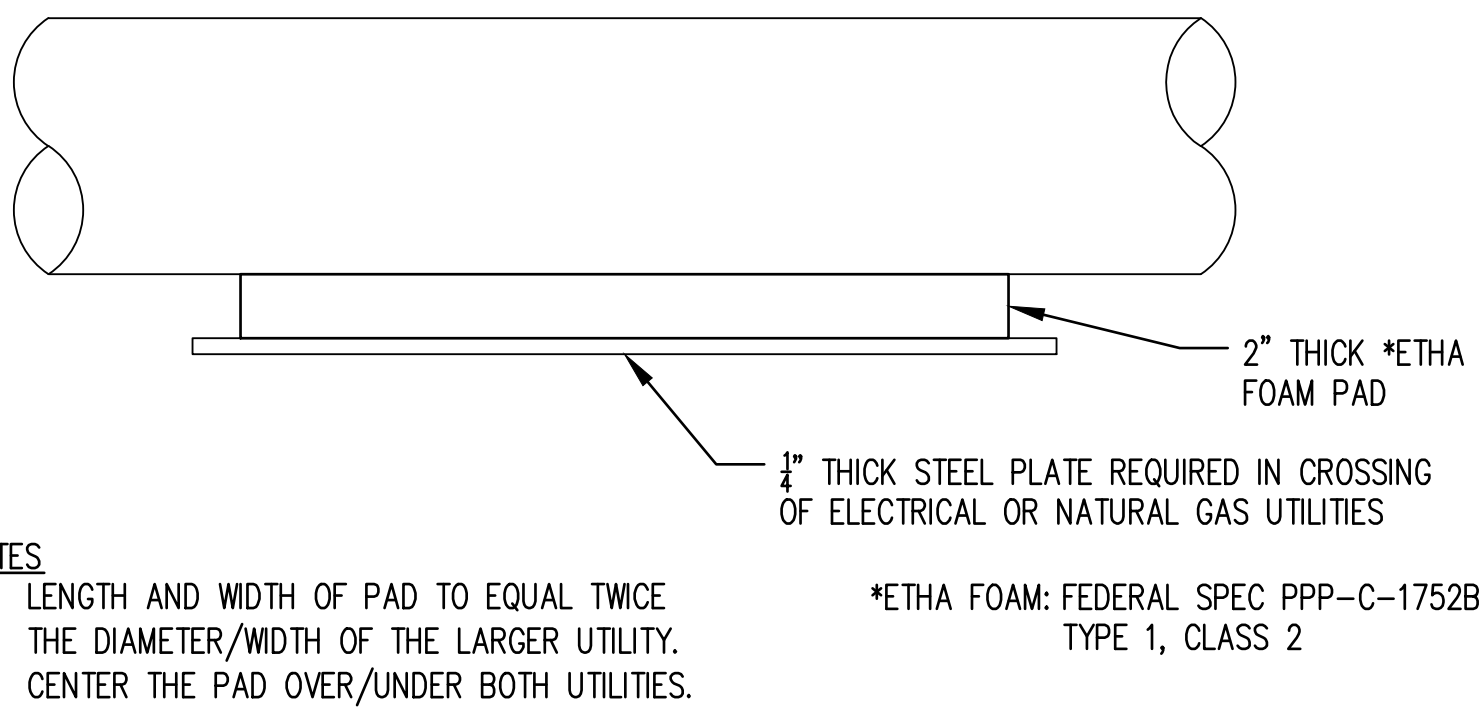
2 STEEL PIPE CASING
SCALE: NTS



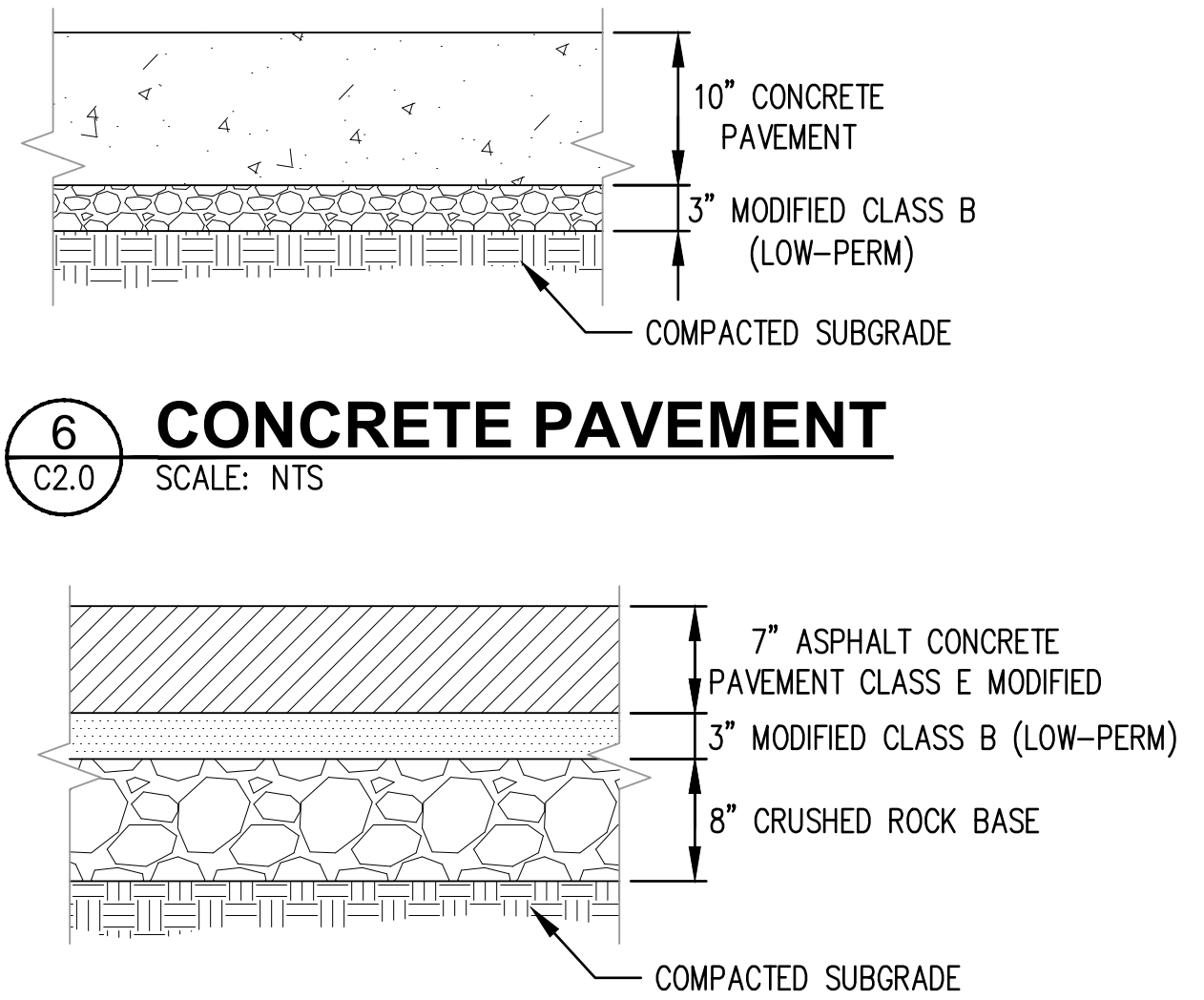
3 TYPICAL TRENCHING DETAIL
SCALE: NTS



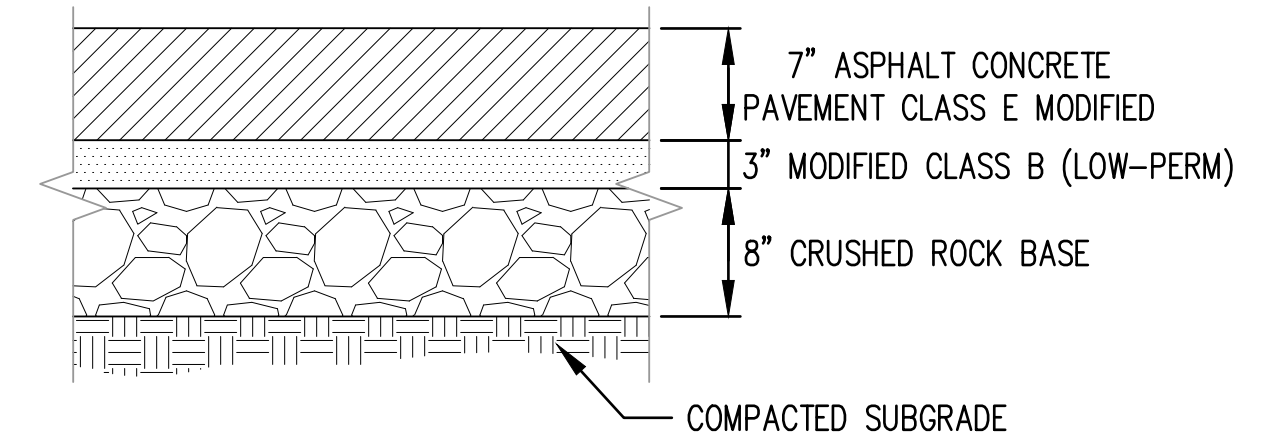
4 INLET PROTECTION
SCALE: NTS



5 ETHA FOAM CUSHION UTILITY CROSSING
SCALE: NTS



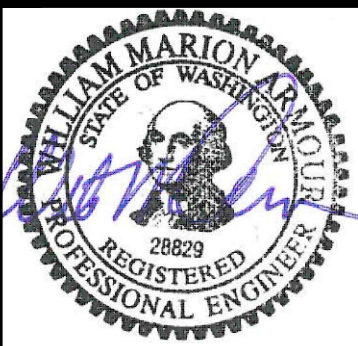
6 CONCRETE PAVEMENT
SCALE: NTS



7 ASPHALT PAVEMENT
SCALE: NTS

Plotted: Aug 18, 2020 -- 3:01pm
N: 2019\1900195 sim shredder dedusting part 3 - kpff design\3.13 drawings\Current\2_C3.0 CIVIL DETAILS.dwg
tlemons Layout: C3.0 CIVIL DETAILS

kpff
2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162

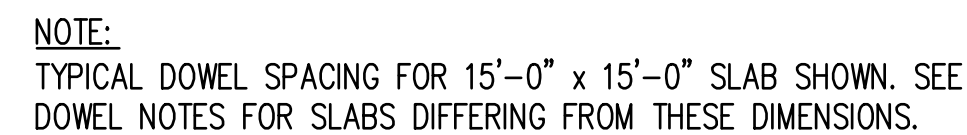


NO.	DATE	BY	REVISION

SEATTLE IRON AND METALS
DUST CONTROL IMPROVEMENTS

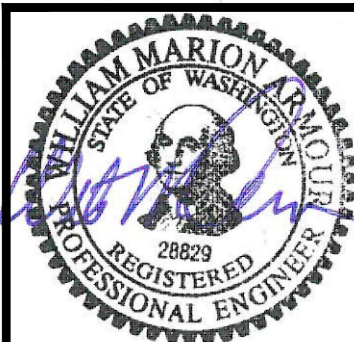
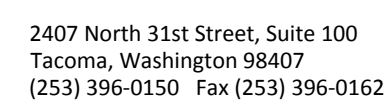
CIVIL DETAILS

DRAWN: ECM	PROJECT NO.: 1900195
DESIGN: WMA	SCALE: AS SHOWN
CHECKED: WMA	DATE: 8/10/2020
DRAWING NO.	C3.0
SHEET NO.	05 OF 13



1. FOR SLAB SIZES NOT CONFORMING TO THE DETAIL OR DIMENSIONS SHOWN, DOWEL BARS SHALL BE SPACED 12" ON CENTER, DOWEL BARS SHALL BE SPACED AT LEAST 15" AWAY FROM ANY SLAB CORNER AND THE SPACING FROM THE LAST DOWEL BARS ON A SIDE TO THE ADJACENT CORNERS SHALL BE THE SAME AT BOTH ENDS OF THE SLAB.

1. PCC = PORTLAND CEMENT CONCRETE
ACP = ASPHALT CONCRETE
2. T = 6" OR 10" AS NOTED FOR ALL PCC PAVEMENT.
3. EXCEPT AS NOTED IN DETAIL ON THE GRADING/PAVING PLAN SHEETS, ALL NEW JOINTS IN NEW PCC PAVEMENT SHALL BE TYPE 1 OR TYPE 2.
4. EXCAVATE AND COMPACT AS REQUIRED TO INSTALL NEW BASE AND CC PAVEMENT. MAKE EVERY EFFORT NOT TO DISTURB EXISTING SOIL COMPACTION/DENSITY.
5. PAVEMENT SHALL BE CUT FULL DEPTH, EXCEPT THAT SAW CUTTING SHALL NOT PENETRATE AN ADJACENT PANEL THAT IS TO REMAIN.
6. CONCRETE PANELS TO REMAIN SHALL BE PROTECTED AT ALL TIMES. DAMAGE TO A PANEL NOT SPECIFIED IN THE CONTRACT DOCUMENTS TO BE REPLACED WILL REQUIRE REPLACEMENT OF THE PANEL AT NO COST TO THE OWNER.
7. DETAILS SHOWN ON THIS DRAWING ARE REFERENCED AND APPLICABLE TO ALL PORTIONS OF WORK INCLUDED IN THIS CONTRACT.

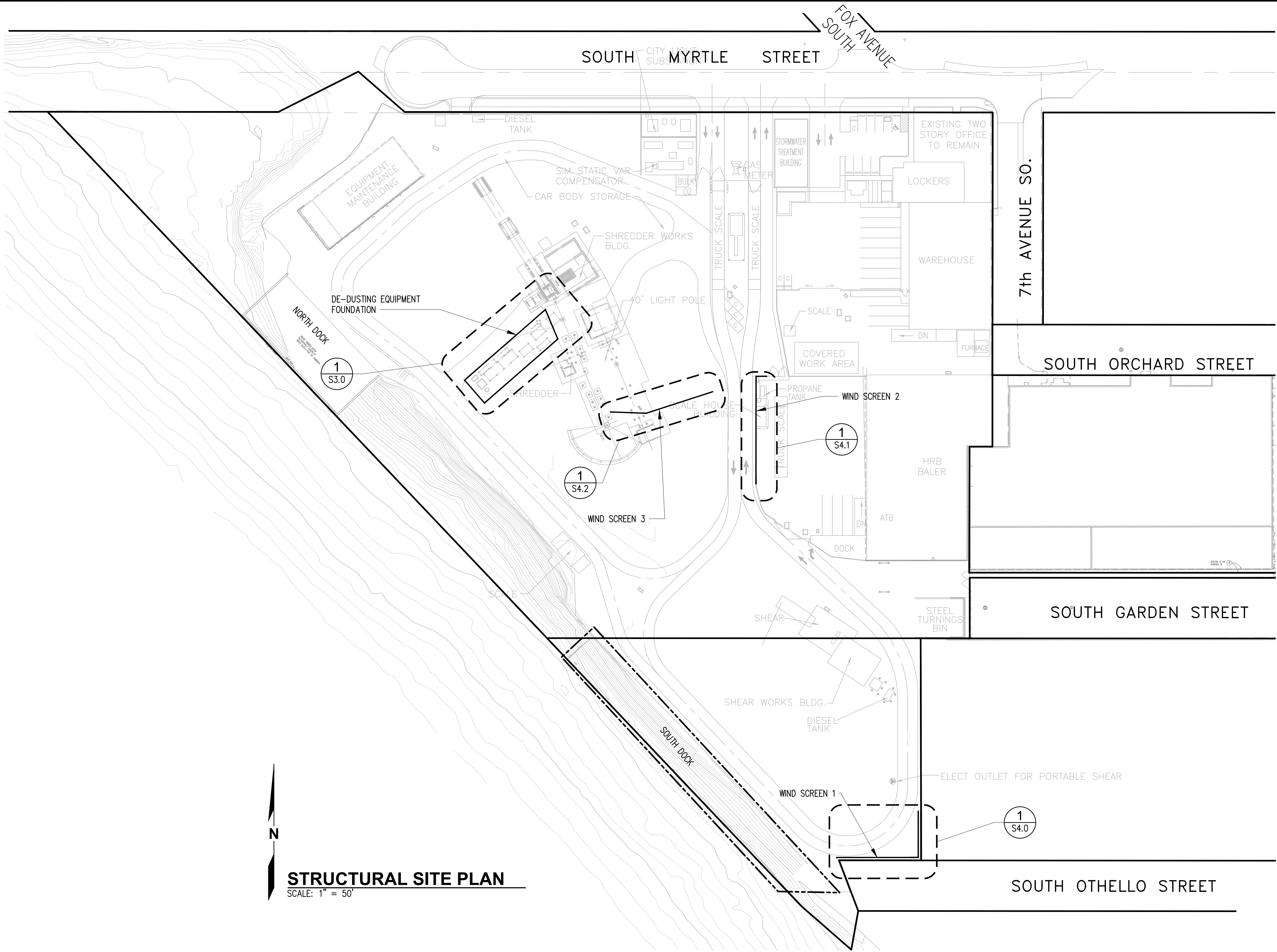


NO.	DATE	BY	REVISION

SEATTLE IRON AND METALS DUST CONTROL IMPROVEMENTS

CIVIL DETAILS

DRAWN: ECM	PROJECT NO.: 1900195
DESIGN: WMA	SCALE: AS SHOWN
CHECKED: WMA	DATE: 8/10/2020
DRAWING NO.	C3.1
SHEET NO.	06 OF 13



STRUCTURAL SITE PLAN
SCALE: 1" = 50'

Plotted: Aug 18, 2020 - 3:01pm
N: 2019\1900195 sim shredder dedusting part 3 - kpff design\3.13 drawings\Current\3_S2.0 STRUC PLAN.dwg

kpff

2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162



NO.	DATE	BY	REVISION

**SEATTLE IRON AND METALS
DUST CONTROL IMPROVEMENTS**

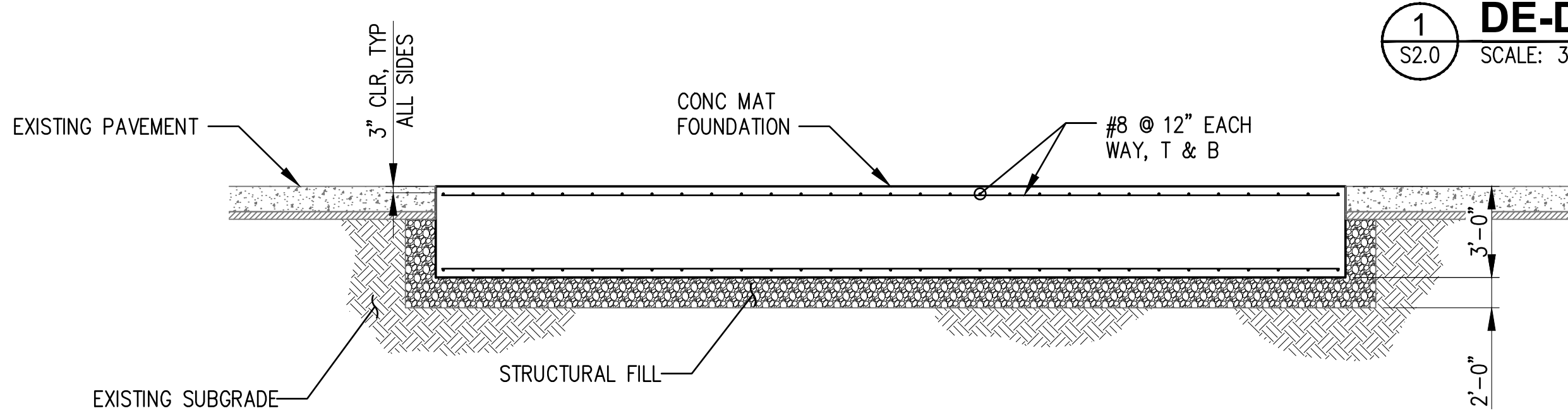
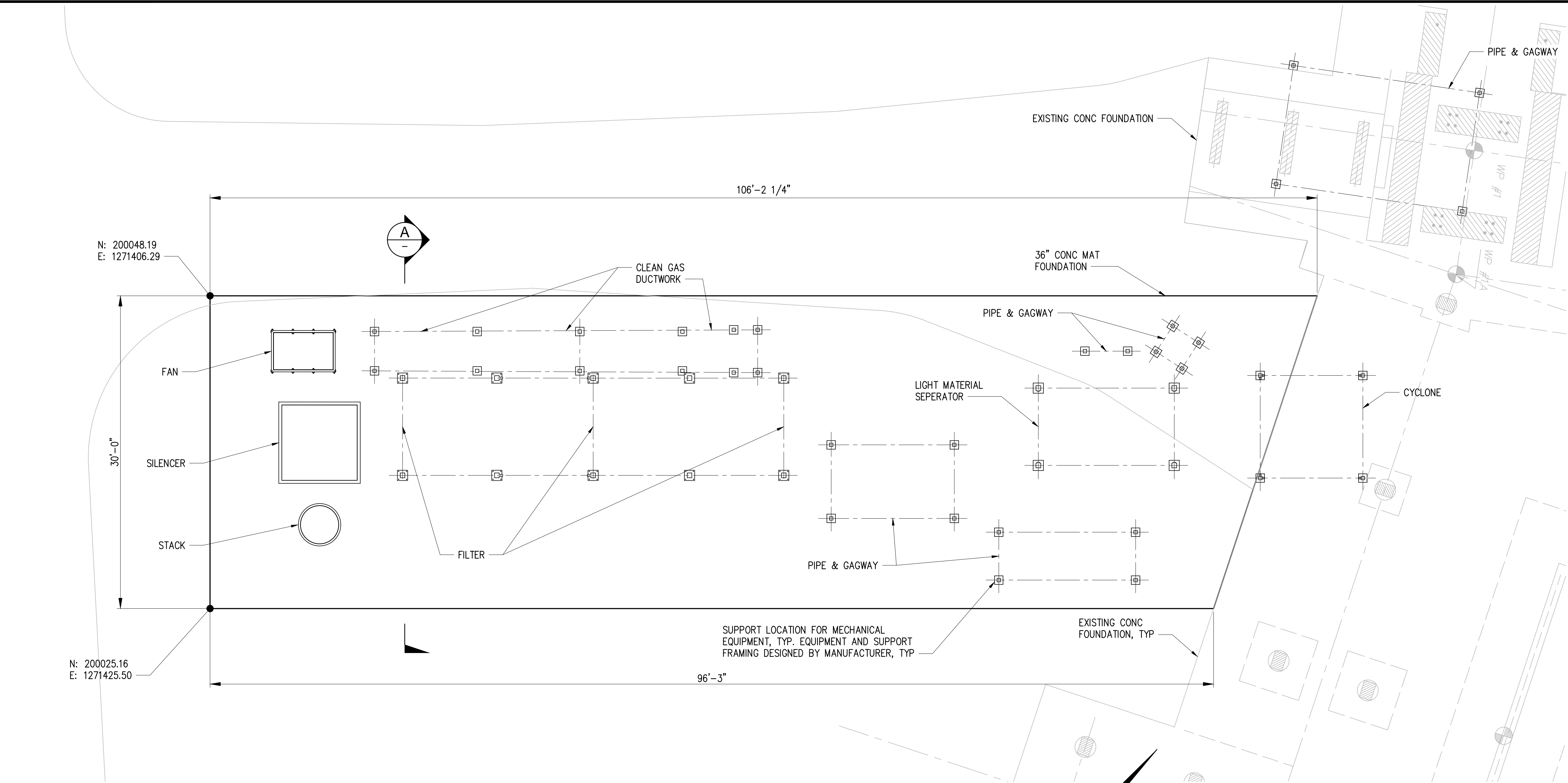
STRUCTURAL SITE PLAN

DRAWN: TRL	PROJECT NO.: 1900195
DESIGN: KCP	SCALE: AS SHOWN
CHECKED: IDF	DATE: 8/10/2020
DRAWING NO.	S2.0
SHEET NO.	08 OF 13

Plotted: Aug 18, 2020 - 4:14pm
N: 2019\1900195 sim shredder dedusting part 3 - kpff design\3.13 drawings\Current\3_S3.0 DEDUSTING FOUND.dwg

Layout: S3.0 DEDUSTING FOUND

Items: 11



SECTION
SCALE: 1/4" = 1'-0"

NOTE:
TOP BARS SPLICE LENGTH SHALL BE 63" MIN. BOTTOM BAR
SPLICE LENGTH SHALL BE 48" MIN. STAGGER BAR SPLICES OF
ADJACENT BARS A MINIMUM OF A FULL SPLICE LENGTH

1 DE-DUSTING EQUIPMENT FOUNDATION
SCALE: 3/16" = 1'-0"

kpff

2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162



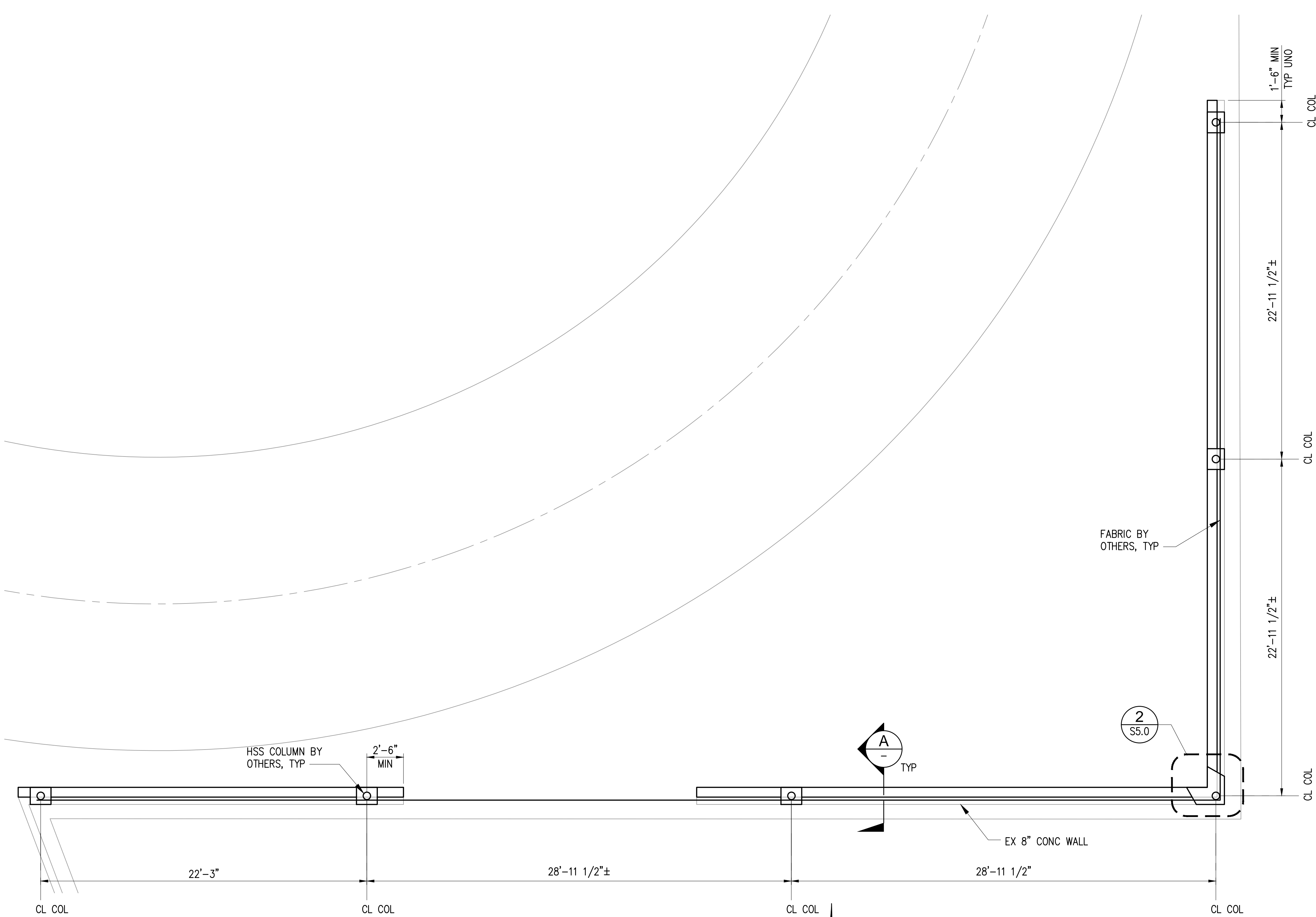
NO.	DATE	BY	REVISION

SEATTLE IRON AND METALS
DUST CONTROL IMPROVEMENTS

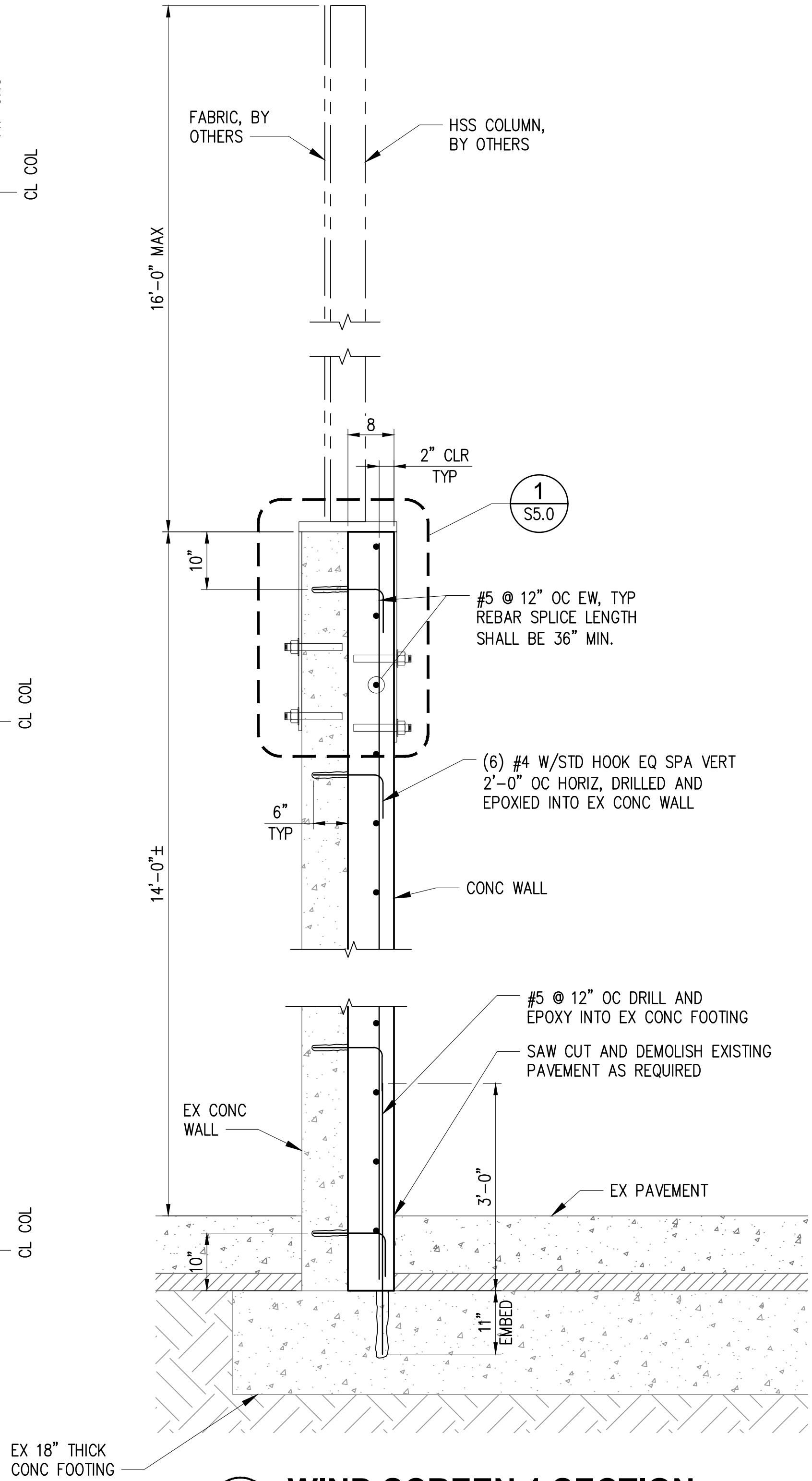
DE-DUSTING EQUIPMENT FOUNDATION

DRAWN: TRL	PROJECT NO.: 1900195
DESIGN: KCP	SCALE: AS SHOWN
CHECKED: IDF	DATE: 8/10/2020
DRAWING NO.	S3.0
SHEET NO.	09 OF 13

Plotted: Aug 18, 2020 - 3:01pm
N: 2019\1900195 sim shredder dedusting part 3 - kpff design\3.13 drawings\Current\3_S4.0 FENCE 1.dwg
Items Layout: 3_S4.0 FENCE 1



1 WIND FENCE 1 PLAN
SCALE: 1/4" = 1'-0"



A WIND SCREEN 1 SECTION
SCALE: 3/4" = 1'-0"

kpff

2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162

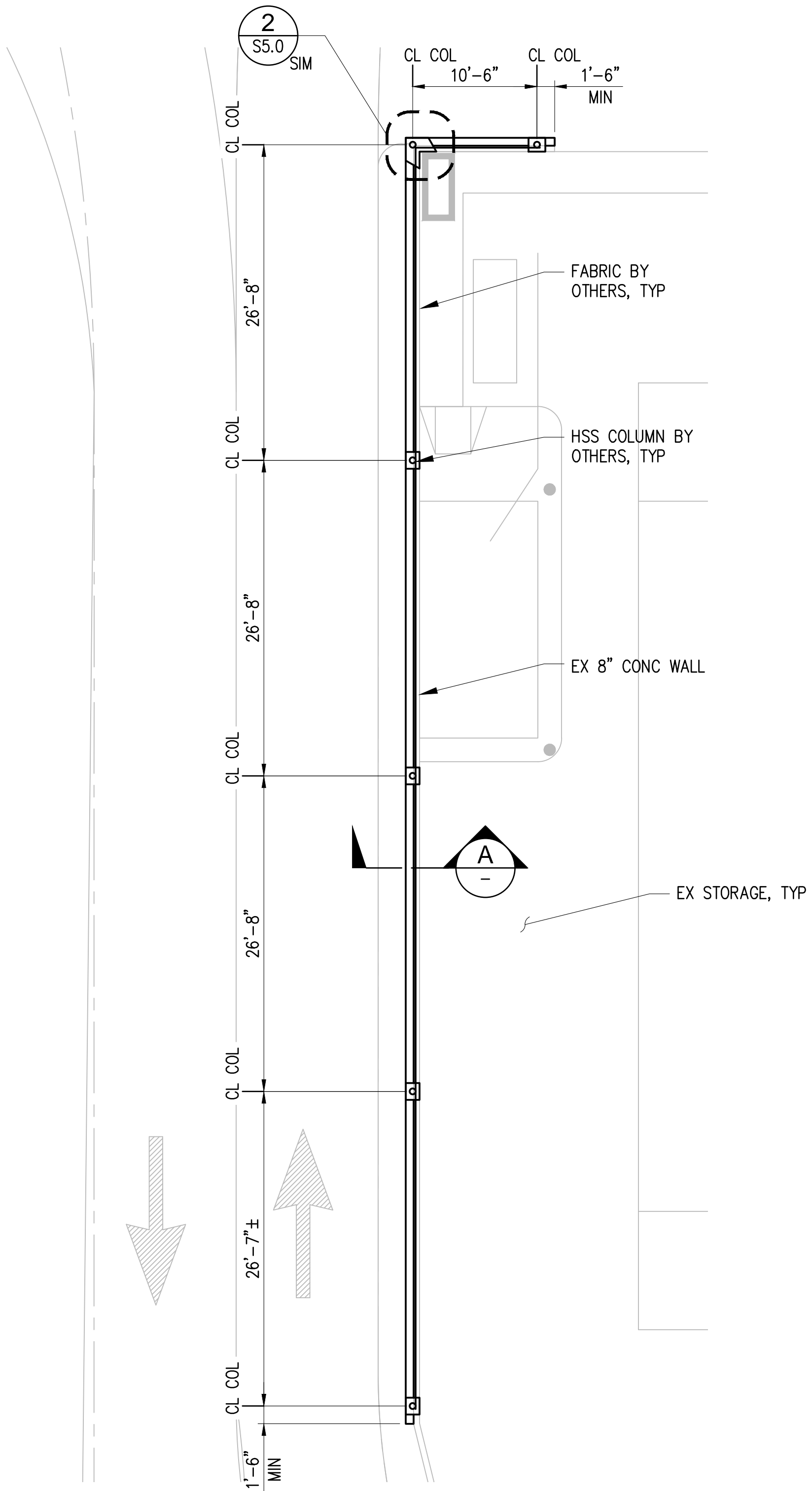


NO.	DATE	BY	REVISION

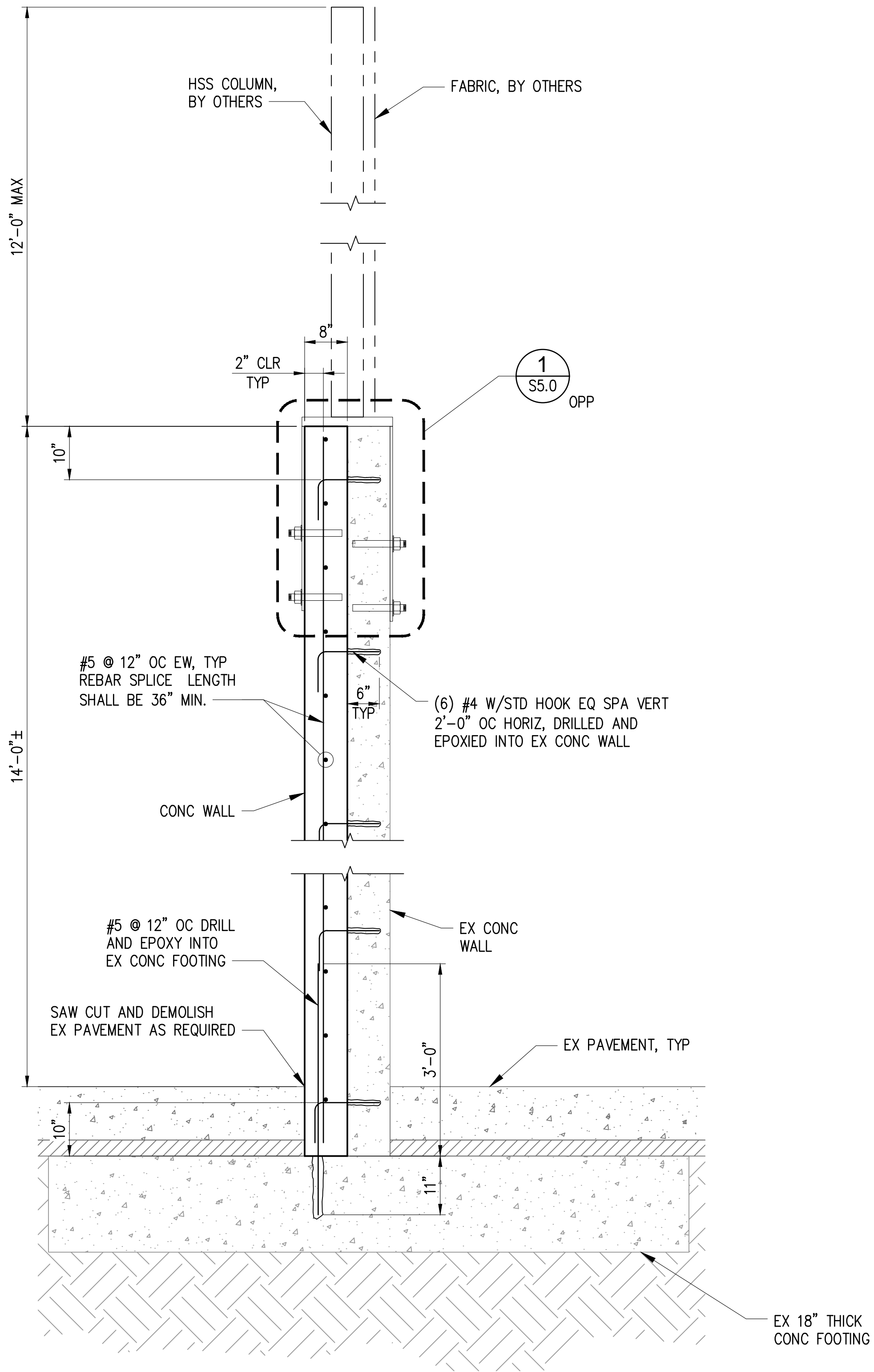
SEATTLE IRON AND METALS
DUST CONTROL IMPROVEMENTS

WIND SCREEN 1
PLAN AND SECTION

DRAWN: TRL	PROJECT NO.: 1900195
DESIGN: KCP	SCALE: AS SHOWN
CHECKED: IDF	DATE: 8/10/2020
DRAWING NO.	S4.0
SHEET NO.	10 OF 13



1 WIND FENCE 2 PLAN
S2.0 SCALE: 1/8" = 1'-0"

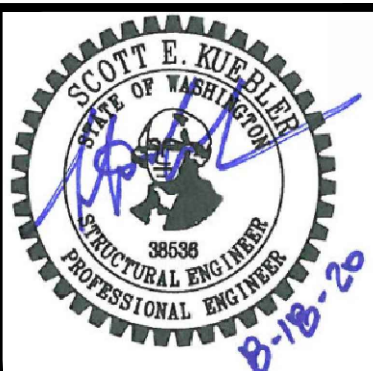


A WIND SCREEN 2 SECTION
SCALE: 1/2" = 1'-0"

Plotted: Aug 18, 2020 - 3:00pm Items Layout: 3_S4.1 FENCE 2
N: 2019\1900195 sim shredder dedusting part 3 - kpff design\3.13 drawings\Current\3_S4.1 FENCE 2.dwg

kpff

2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162



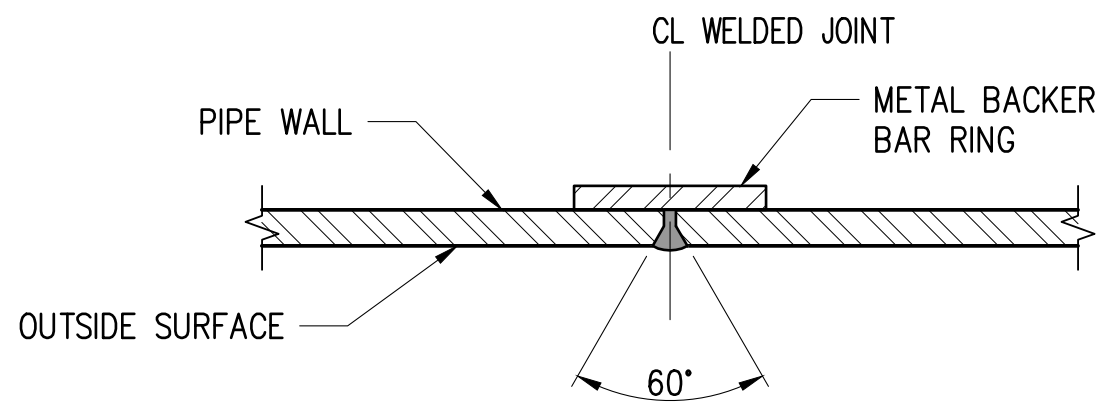
NO.	DATE	BY	REVISION

SEATTLE IRON AND METALS
DUST CONTROL IMPROVEMENTS

WIND SCREEN 2
PLAN AND SECTION

DRAWN: TRL	PROJECT NO.: 1900195
DESIGN: KCP	SCALE: AS SHOWN
CHECKED: IDF	DATE: 8/10/2020
DRAWING NO.	S4.1
SHEET NO.	11 OF 13

Plotted: Aug 18, 2020 - 4:24pm Items Layout: 3_S4.2 FENCE 3
N: 2019\1900195 sim shredder dedusting part 3 - kpff design\3.13 drawings\Current\3_S4.2 FENCE 3.dwg



NOTE:

1. PIPE SHALL BE WELDED AS SHOWN WHERE NEEDED BY CONTRACTOR MEANS AND METHODS. WPS SHALL BE SUBMITTED AND BE QUALIFIED IN ACCORDANCE WITH AWS D1.1 SECTION 4

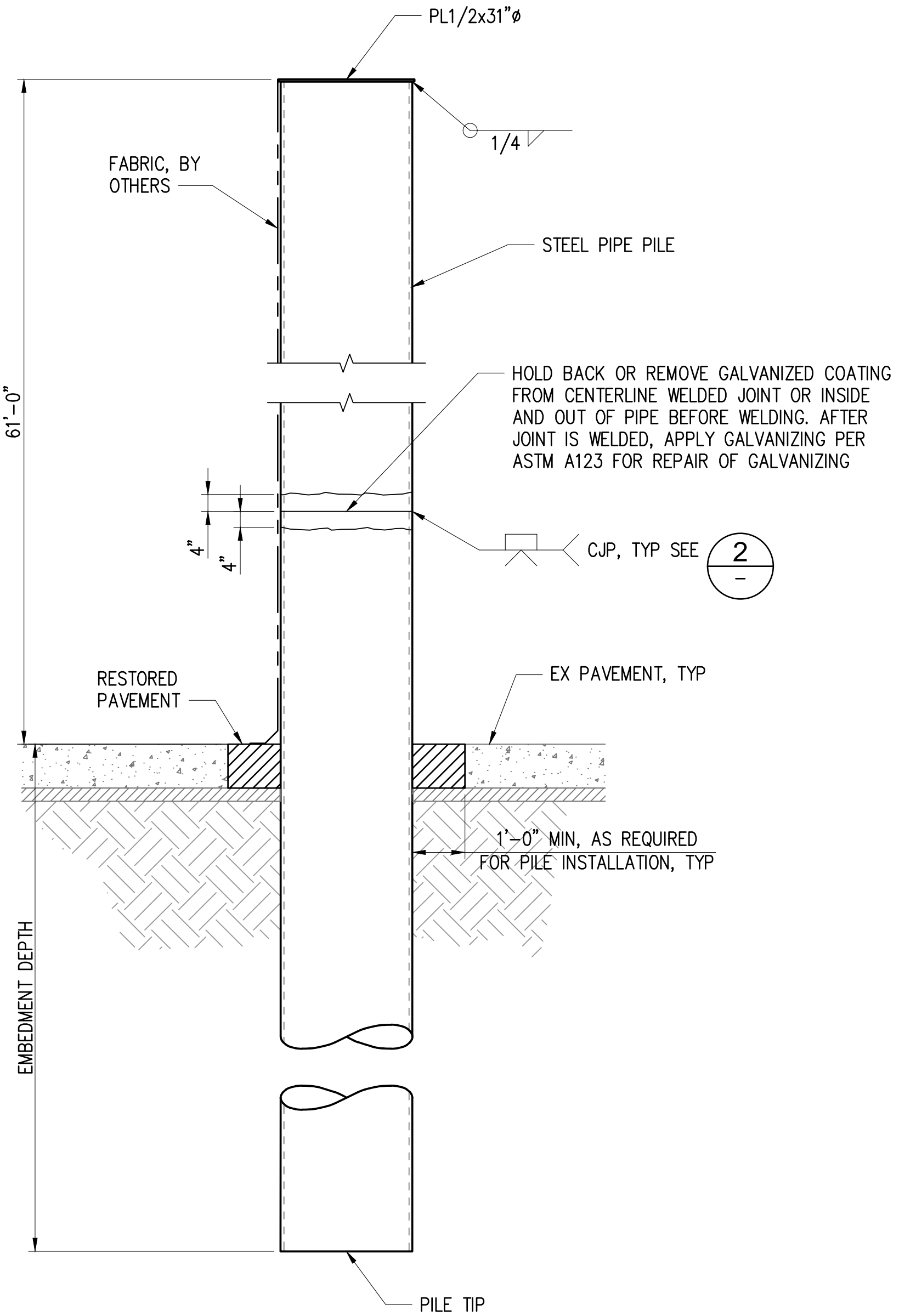
2 TUBULAR BUTT JOINT
SCALE: 12" = 1'-0"

1 WIND SCREEN 3 PLAN
SCALE: 3/16" = 1'-0"

PILE DRIVING REQUIREMENTS

1. CONTRACTOR SHALL INSTALL PILES WITHIN ±6" OF SPECIFIED PILE LOCATION AND TOP ELEVATION
2. PILES SHALL BE CONSTRUCTED WITH NO MORE THAN 1" ON 8'-0" OF BATTER

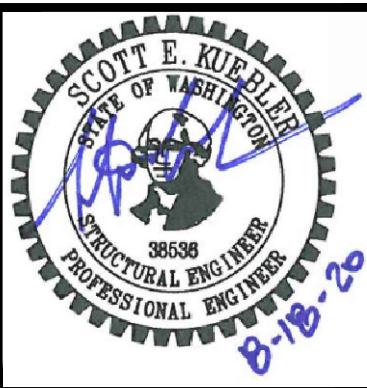
PILE	PILE SIZE	EMBEDMENT DEPTH (FT)	NORTHING	EASTING
1	30" x 3/4"	85	200032.35	1271650.19
2	30" x 3/4"	85	200022.63	1271617.61
3	30" x 3/4"	85	200012.90	1271585.03
4	30" x 3/4"	85	200014.90	1271551.09



A WIND SCREEN 3 SECTION
SCALE: 1/2" = 1'-0"

kpff

2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162

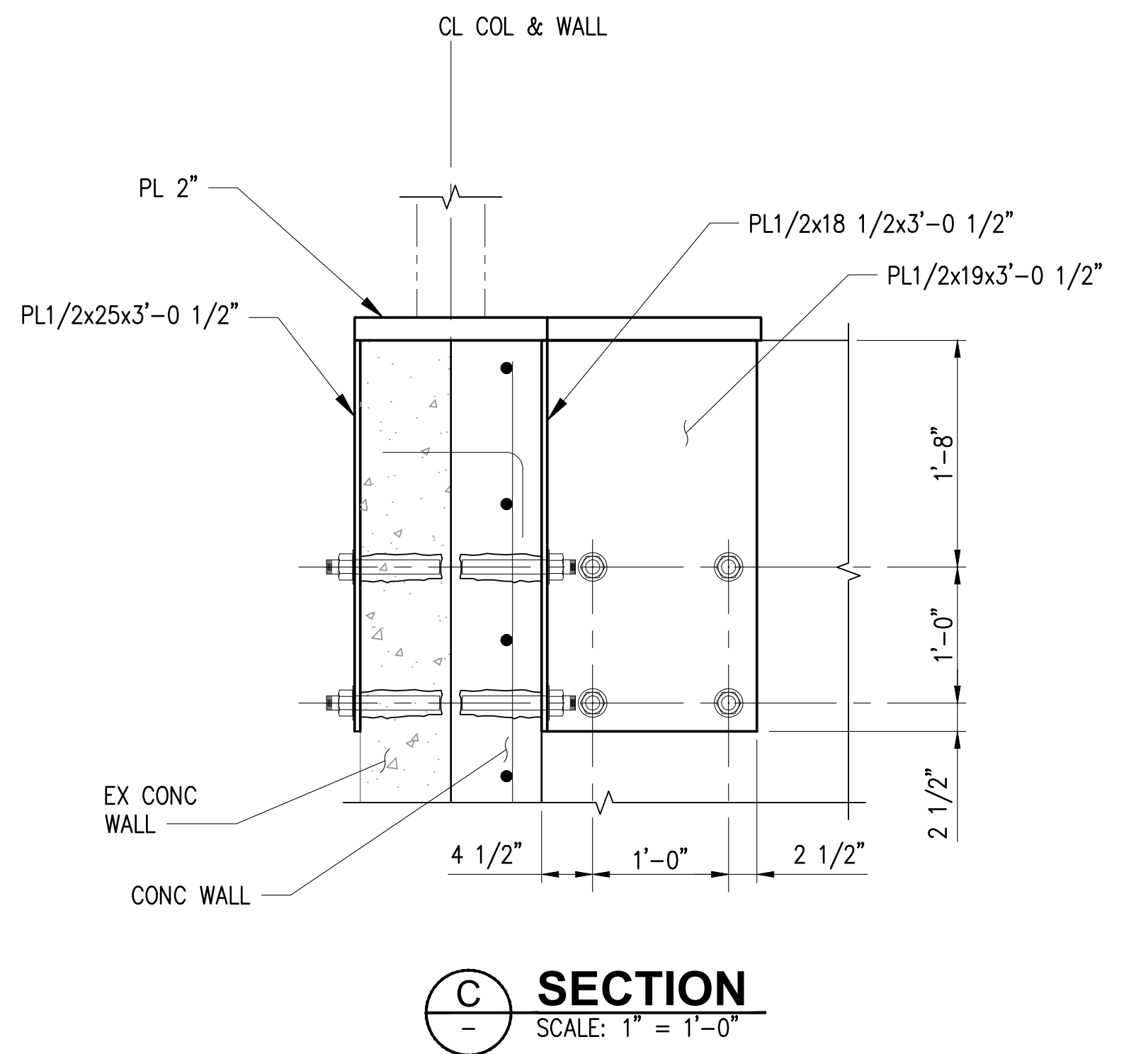
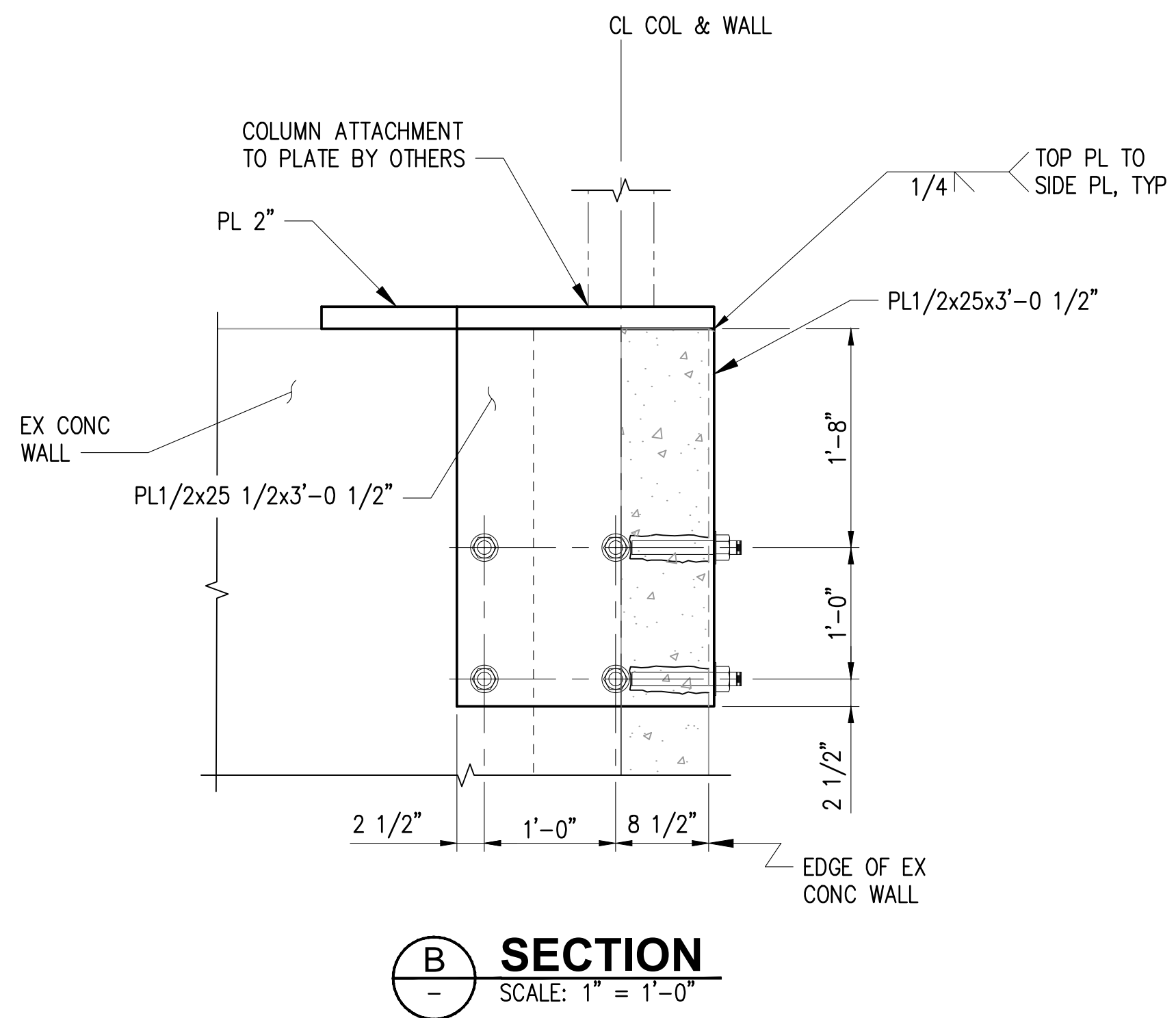
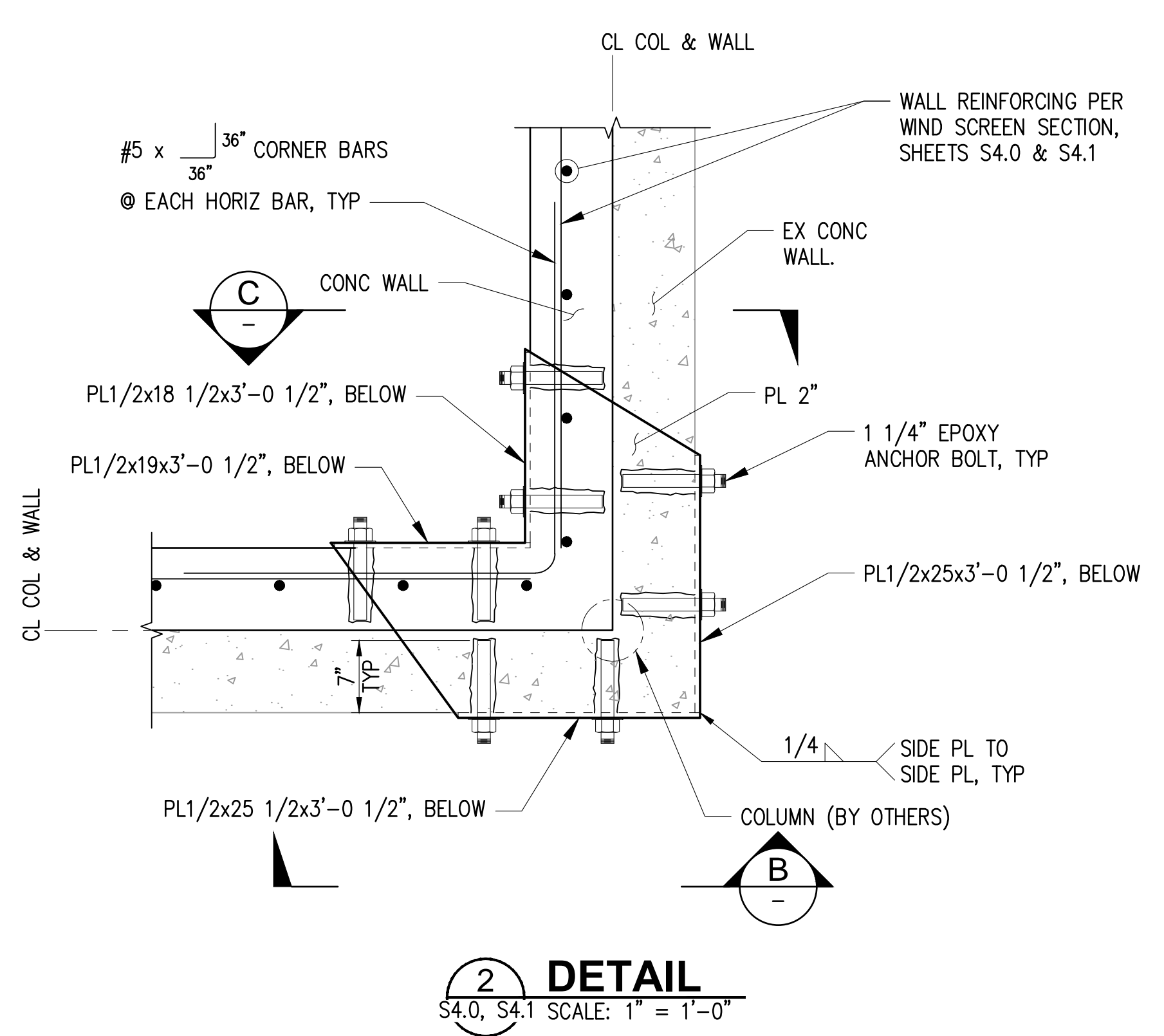
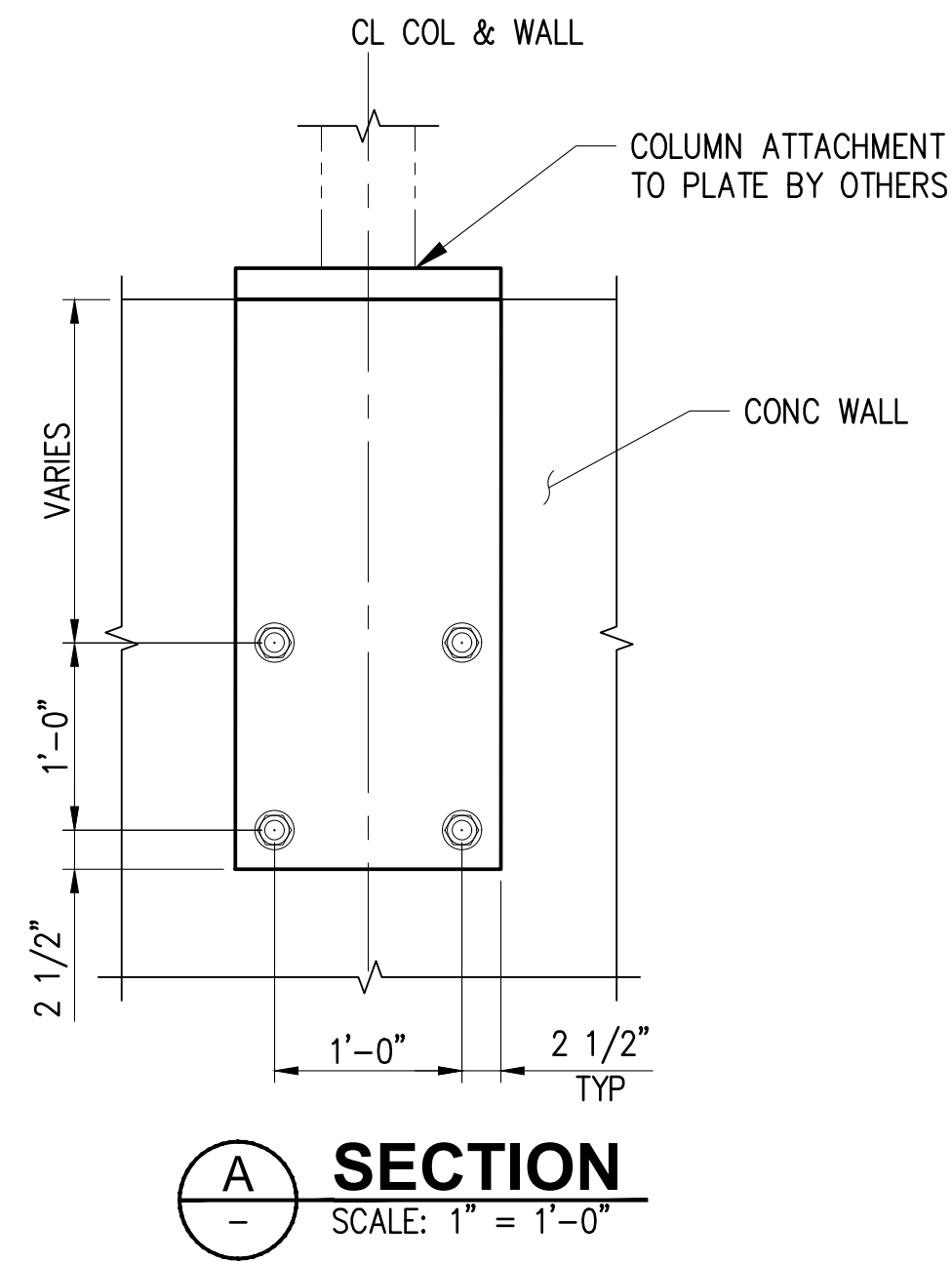
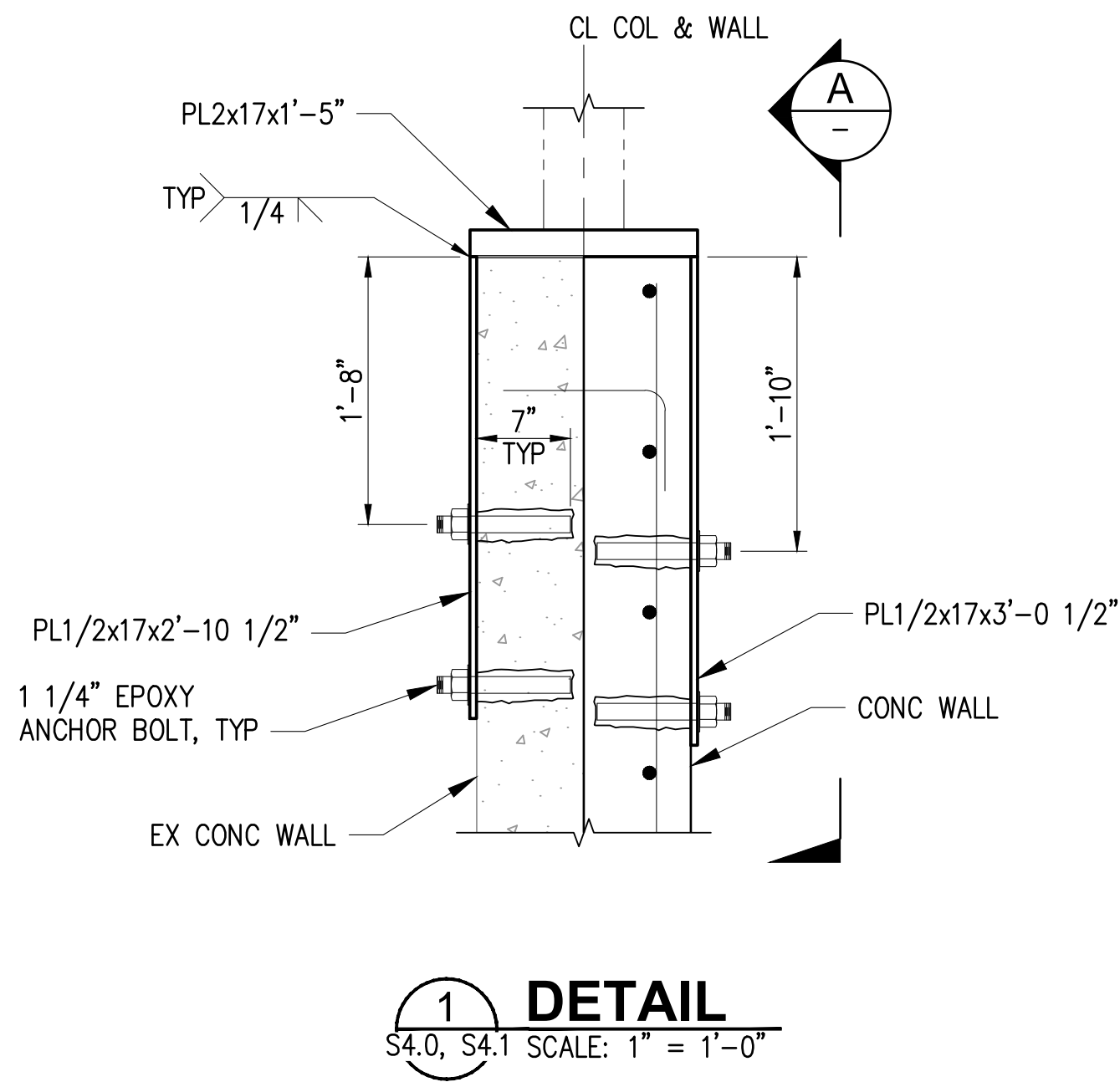


NO.	DATE	BY	REVISION

SEATTLE IRON AND METALS
DUST CONTROL IMPROVEMENTS

WIND SCREEN 3
PLAN AND SECTION

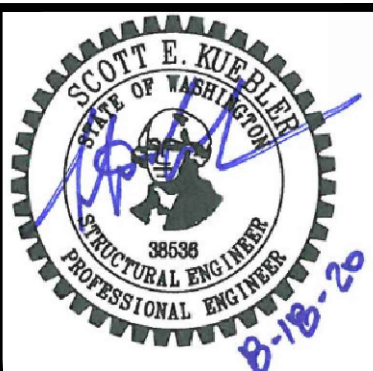
DRAWN: TRL	PROJECT NO.: 1900195
DESIGN: KCP	SCALE: AS SHOWN
CHECKED: IDF	DATE: 8/10/2020
DRAWING NO.	S4.2
SHEET NO.	12 OF 13



Plotted: Aug 18, 2020 - 3:00pm Itemons Layout: 3_S5.0 STRUC DET
N: 2019\1900195 sim shredder dedusting part 3 - kpff design\3.13 drawings\Current\3_S5.0 STRUC DET.dwg

kpff

2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162



NO.	DATE	BY	REVISION

SEATTLE IRON AND METALS
DUST CONTROL IMPROVEMENTS

STRUCTURAL DETAILS

DRAWN: TRL	PROJECT NO.: 1900195
DESIGN: KCP	SCALE: AS SHOWN
CHECKED: IDF	DATE: 8/10/2020
DRAWING NO.	S5.0
SHEET NO.	13 OF 13

Attachment B



August 14, 2020

RE: Puget Sound Keeper Alliance v. Seattle Iron & Metals Corporation

To Whom It May Concern,

This letter is intended to provide assurance that I have received and reviewed the Consent Decree (and amendment) between Puget Sound Keeper Alliance v. Seattle Iron & Metals Corporation and that I am authorized on behalf of Just Health Action (JHA) to make the following binding commitments on behalf of the *Duwamish Valley Clean Air Program* run by Duwamish River Cleanup Coalition (DRCC) and JHA:

1. I understand that JHA will receive funds from Seattle Iron & Metals as specified in the Consent Decree.
2. JHA will use these funds for the *Duwamish Valley Clean Air Program*.
3. JHA will not use any money it receives under the Consent Decree for lobbying purposes.

Air pollution is a top community health priority in the Duwamish Valley. The community has the highest childhood asthma hospitalization rates in the City of Seattle and a 13 year difference in life expectancy compared to wealthier parts of Seattle. DRCC has resurrected an air quality program that was originally an EPA Environmental Justice Collaborative Problem Solving Grant from 2014-2016. In order to improve the health of Duwamish Valley residents, the *Duwamish Valley Clean Air Program* goals are to: 1. Reduce air pollution (indoor and outdoor); 2. Engage interested partners/collaborators; 3. Build community capacity; and 4. Develop an evaluation method to measure success. We will use the funds to:

- Strategize on our *Clean Air* approach;
- Develop agendas;
- Develop meeting materials and presenting at meetings;
- Analyze meeting materials;
- Work on health related issues and communicating with relevant partners;
- Collect updated information on health disparities (e.g. asthma);
- Work with a few partners on developing a quantitative and qualitative evaluation to measure success; and
- Implement recommendations made by project partners.

JHA is a Seattle-based, not for profit organization (Tax ID 26-3032913) which advocates for reducing health inequities that result from social, economic, environmental, and political conditions. Through a social justice lens, we research and document health inequities and we lead interactive workshops to engage diverse groups to build skills towards systems level change. JHA is committed to sound fiscal management of this project.

Please do not hesitate to contact me with questions or for additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "C. Linn Gould", is written over a light blue rectangular background.

C. Linn Gould, MS, MPH
Executive Director

Attachment C

*Mac users fill out this form with Acrobat not Reader

[illegible]

DESIGN CRITERIA

DEAD LOADS:
SELF WEIGHT OF ALL MATERIALS.
SEISMIC LOADS:
PIPE BRIDGE SEISMIC FORCE RESISTING SYSTEM IS ORDINARY MOMENT FRAME AND ORDINARY CONCENTRICALLY BRACED FRAME.
SERVICE ISLAND PIPE RACK SEISMIC FORCE RESISTING SYSTEM IS SPECIAL CANTILEVER COLUMN SYSTEM.
SITE CLASS D.
RISK CATEGORY II.
SEISMIC DESIGN CATEGORY D.
S_s = 1.517g
S₁ = 0.582g
S_{0s} = 1.012g
S_{0i} = 0.082g

WIND LOADS:
EXPOSURE CATEGORY C K_z = 1.09 G = 1.09
V = 100 mph K_d = 0.85
K_{zt}= 1.0

GENERAL

THESE NOTES CONTAIN GENERAL INFORMATION AND ARE NOT COMPLETE FOR CONSTRUCTION PURPOSES. CONTRACTOR SHALL VERIFY INFORMATION GIVEN HERE AND OTHER DOCUMENTS AND BRING ANY CONFLICTS TO THE ATTENTION OF SIM BEFORE BEGINNING AFFECTED WORK. THE ENGINEER WILL RESOLVE ANY SUCH CONFLICT.

- 2. ALL DIMENSIONS AND DETAILS WILL BE VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION AND CONSTRUCTION.
- 3. ALL SHOP DRAWINGS FOR PRECAST CONCRETE ELEMENTS, REINFORCING STEEL, AND MISCELLANEOUS STEEL, SHALL BE SUBMITTED TO AND REVIEWED BY THE ENGINEER PRIOR TO FABRICATION.

CODES AND STANDARDS

- 1. STRUCTURAL
 - A. ALL METHODS AND MATERIALS SHALL CONFORM TO THE SEATTLE BUILDING CODE, 2015 EDITION.
 - B. REINFORCED CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301-10 "SPECIFICATIONS FOR STRUCTURAL CONCRETE" AND ACI 318-14 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE".
 - C. STRUCTURAL AND MISCELLANEOUS STEEL FABRICATION AND ERECTION SHALL CONFORM TO THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" 2010.
 - D. WELDING OF STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO THE AWS D1.1, 2010.
 - E. WELDING OF REINFORCING STEEL SHALL CONFORM TO THE AWS D1.4, 2010.

STRUCTURAL STEEL

- 1. ALL MISCELLANEOUS STEEL SHAPES AND PLATES, EXCEPT AS NOTED BELOW, SHALL CONFORM TO ASTM A 572, GRADE 50.
- 2. ALL HSS SHAPES SHALL CONFORM TO ASTM A500, GRADE C Fy = 50 KSI.
- 3. ALL ANCHOR BOLTS SHALL CONFORM TO ASTM F 1554, GRADE 55..
- 4. HIGH STRENGTH BOLTS FOR STEEL-TO-STEEL CONNECTIONS SHALL BE ASTM A325X.
- 5. ALL NUTS SHALL BE ASTM A 563, UNLESS NOTED OTHERWISE.
- 6. ALL WASHERS SHALL BE ASTM F 436, UNLESS NOTED OTHERWISE.

REINFORCED CONCRETE

- 1. REINFORCING STEEL
 - A. ALL REINFORCING STEEL SHALL BE DEFORMED STEEL BARS CONFORMING TO ASTM A 615 – GRADE 60, EXCEPT AS NOTED.
 - B. LAP ALL REINFORCING BARS AS NOTED ON THE DRAWINGS. DEFORMED BAR LAP SPLICES SHALL CONFORM TO THE FOLLOWING, UNLESS OTHERWISE SHOWN.

SCHEDULE OF MINIMUM LAP SPLICE LENGTHS		
BAR SIZE	f'c = 5000 PSI	
	TOP BARS	OTHER BARS
#4	2'-5"	1'-10"
#5	3'-0"	2'-4"
#6	3'-7"	2'-9"
#7	5'-3"	4'-0"
#8	6'-0"	4'-7"
#9	6'-9"	5'-2"
#10	7'-7"	5'-10"
#11	8'-5"	6'-6"

- NOTES:
- 1. LENGTHS ARE BASED ON CLASS "B", CASE 1 SPLICES (MAX OF 50% OF BARS SPLICED AT ONE LOCATION).
 - 2. TOP BARS ARE DEFINED AS ANY HORIZONTAL BAR PLACED SUCH THAT MORE THAN 12" OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE BAR IN ANY SINGLE POUR.
 - 3. STAGGER ALL LAP SPLICES IN ADJACENT BARS BY ONE LAP LENGTH +1'-0" MINIMUM.
 - 4. NO MORE THAN 50% OF THE REINFORCING BARS IN ANY LAYER SHALL BE SPLICED AT ONE LOCATION.

- C. REINFORCING SHALL BE SUPPORTED AS SPECIFIED BY THE PROJECT SPECIFICATIONS AND THE CRSI "MANUAL OF STANDARD PRACTICE," (MSP). REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH "ACI DETAILING MANUAL," ACI SP-66.
- D. ALL HORIZONTAL REINFORCEMENT AT DISCONTINUITIES AND AND CORNERS SHALL END WITH STANDARD 90° HOOKS IN ACCORDANCE WITH ACI SP-66, UNLESS SHOWN OTHERWISE.
- 2. CAST-IN-PLACE CONCRETE
 - MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS 5000 PSI
 - A. CAST-IN-PLACE CONCRETE FOUNDATIONS
- 3. ALL EXPOSED CORNERS SHALL BE CHAMFERED 3/4 IN.
- 4. CONSTRUCTION JOINTS SHALL BE PROVIDED ONLY AS NOTED ON THE DRAWINGS AND AS SPECIFICALLY PERMITTED BY THE ENGINEER.
- 5. CONCRETE MIXTURES SHALL CONFORM TO THE MOST RESTRICTIVE REQUIREMENTS OF ACI 318-14 FOR EXPOSURE CLASSES F3, S0, W0 & C2.

WELDING

- 1. ALL WELDING SHALL BE PERFORMED BY WELDERS QUALIFIED FOR THE WELD AND POSITION SHOWN IN ACCORDANCE WITH AWS AND HAVING CURRENT CERTIFICATION FROM WABO.
- 2. ALL WELDS SHALL BE PERFORMED WITH PROCEDURES PREQUALIFIED OR QUALIFIED IN ACCORDANCE WITH AWS D1.1 AND D1.4.
- 3. THE WELDS SHOWN ARE FOR THE FINAL CONNECTIONS. FIELD WELD SYMBOLS ARE SHOWN WHERE FIELD WELDS ARE REQUIRED BY THE STRUCTURAL DESIGN. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING IF A WELD SHOULD BE SHOP- OR FIELD-WELDED IN ORDER TO FACILITATE THE STRUCTURAL STEEL ERECTION.
- 4. WELDING ELECTRODES SHALL BE 70 KSI STRENGTH AND SHALL BE "LOW-HYDROGEN" ELECTRODES.

SPECIAL INSPECTION SCHEDULE

ESTABLISHED PER 2015 IBC SECTION 110 & CHAPTER 17			
ITEM	CONTINUOUS INSPECTION	PERIODIC INSPECTION	COMMENTS
SOILS			
GRADING, EXCAVATION & FILL		X	
FINAL FOUNDATION PREPARATION		X	
DRILLED SHAFT INSTALLATION	X		BY GEOTECHNICAL ENGINEER OF RECORD
CONCRETE			
REINFORCING PLACEMENT		X	
REINFORCING WELDING		X	
ANCHOR BOLTS & INSERTS		X	
PREPARATION OF TEST SPECIMENS	X		
CONCRETE PLACEMENT	X		
CURING		X	
STRUCTURAL STEEL			
FABRICATION & ERECTION		X	
SINGLE PASS FILLET WELDS ≤ 5/16"		X	REF. NOTE 5
FILLET WELDS > 5/16"	X		REF. NOTE 5
PARTIAL/COMPLETE PENETRATION WELD	X		REF. NOTE 6

SPECIAL INSPECTION SCHEDULE NOTES

- 1. THE ITEMS CHECKED WITH AN "X" SHALL BE INSPECTED IN ACCORDANCE WITH IBC CHAPTER 17 BY A CERTIFIED INSPECTOR FROM AN ESTABLISHED TESTING AGENCY. FOR MATERIAL SAMPLING AND TESTING REQUIREMENTS, REFER TO PROJECT SPECIFICATIONS. THE STRUCTURAL NOTES AND THE NOTES BELOW. THE TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS DIRECTLY TO THE ENGINEER. ANY MATERIALS WHICH FAIL TO MEET THE PROJECT SPECIFICATIONS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER. SPECIAL INSPECTION TESTING REQUIREMENTS APPLY EQUALLY TO ALL BIDDER DESIGNED COMPONENTS.
- 2. SPECIAL INSPECTION IS NOT REQUIRED FOR WORK PERFORMED ON THE PREMISES OF AN APPROVED FABRICATOR PER IBC SECTION 1704.2.5.2.
- 3. CONTINUOUS SPECIAL INSPECTION MEANS THAT THE SPECIAL INSPECTOR IS ON THE SITE AT ALL TIMES OBSERVING THE WORK REQUIRING SPECIAL INSPECTION (IBC 1702). PERIODIC SPECIAL INSPECTION MEANS THAT THE SPECIAL INSPECTOR IS ON SITE AT TIME INTERVALS NECESSARY TO CONFIRM THAT ALL WORK REQUIRING SPECIAL INSPECTION IS IN COMPLIANCE.
- 4. INSPECTION REQUIREMENTS FOR SYSTEMS DESIGNED BY OTHERS SHALL BE DEFINED BY THE REGISTERED DESIGN PROFESSIONAL RESPONSIBLE FOR THEIR DESIGN.
- 5. ALL WELDS SHALL BE VISUALLY INSPECTED.
- 6. ALL COMPLETE PENETRATION WELDS SHALL BE TESTED ULTRASONICALLY OR BY USING ANOTHER APPROVED METHOD.
- 7. TPU WILL EMPLOY AND PAY FOR SPECIAL INSPECTION & TESTING SERVICES TO ENSURE COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. SEE SPECIFICATION FOR ADDITIONAL INFORMATION.

ABBREVIATIONS

ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
AWS	AMERICAN WELDING SOCIETY
B/	BOTTOM OF
BP	BASEPLATE
CL	CENTERLINE
CLR	CLEAR
CONC	CONCENTRIC
DEMO	DEMOLISH
ECC	ECCENTRIC
EF	EACH FACE
EL	ELEVATION
EX	EXISTING
FDN	FOUNDATION
FS	FAR SIDE
FT	FEET
HORIZ	HORIZONTAL
HP	HIGH POINT
HSS	HOLLOW STRUCTURAL SECTION
IBC	INTERNATIONAL BUILDING CODE
IN	INCH
MAX	MAXIMUM
MIN	MINIMUM
MISC	MISCELLANEOUS
NPT	NATIONAL PIPE THREAD
NS	NEAR SIDE
PL	PROPERTY LINE
PLCS	PLACES
POC	POINT OF CONNECTION
R	RADIUS
REF	REFERENCE
SIM	SIMILAR
SSH	SHORT SLOTTED HOLE
STD	STANDARD
STIFF	STIFFENER
SYM	SYMMETRICAL
T/	TOP OF
T/O	TO TOP OF
THK	THICK(NESS)
THRU	THROUGH
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
W/	WITH
WF	WIDE FLANGE
WHS	WELDED HEADED STUD

PILES

MICROPILES: MICROPILE LENGTHS SHALL BE ESTABLISHED AND PILE CAPACITIES VERIFIED BY THE CONTRACTOR IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE CALCULATIONS FOR THE DESIGN OF THE PILES AND THE PILE CONNECTIONS TO THE STRUCTURE. CALCULATIONS SHALL BEAR THE STAMP AND SIGNATURE OF THE WASHINGTON STATE PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN. PILE DESIGN LOADS ARE INDICATED ON THE DRAWINGS. PILE CONNECTIONS SHALL BE ADEQUATE TO RESIST THE PILE TENSION AND COMPRESSION DESIGN LOADS INDICATED ON THE DRAWINGS. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

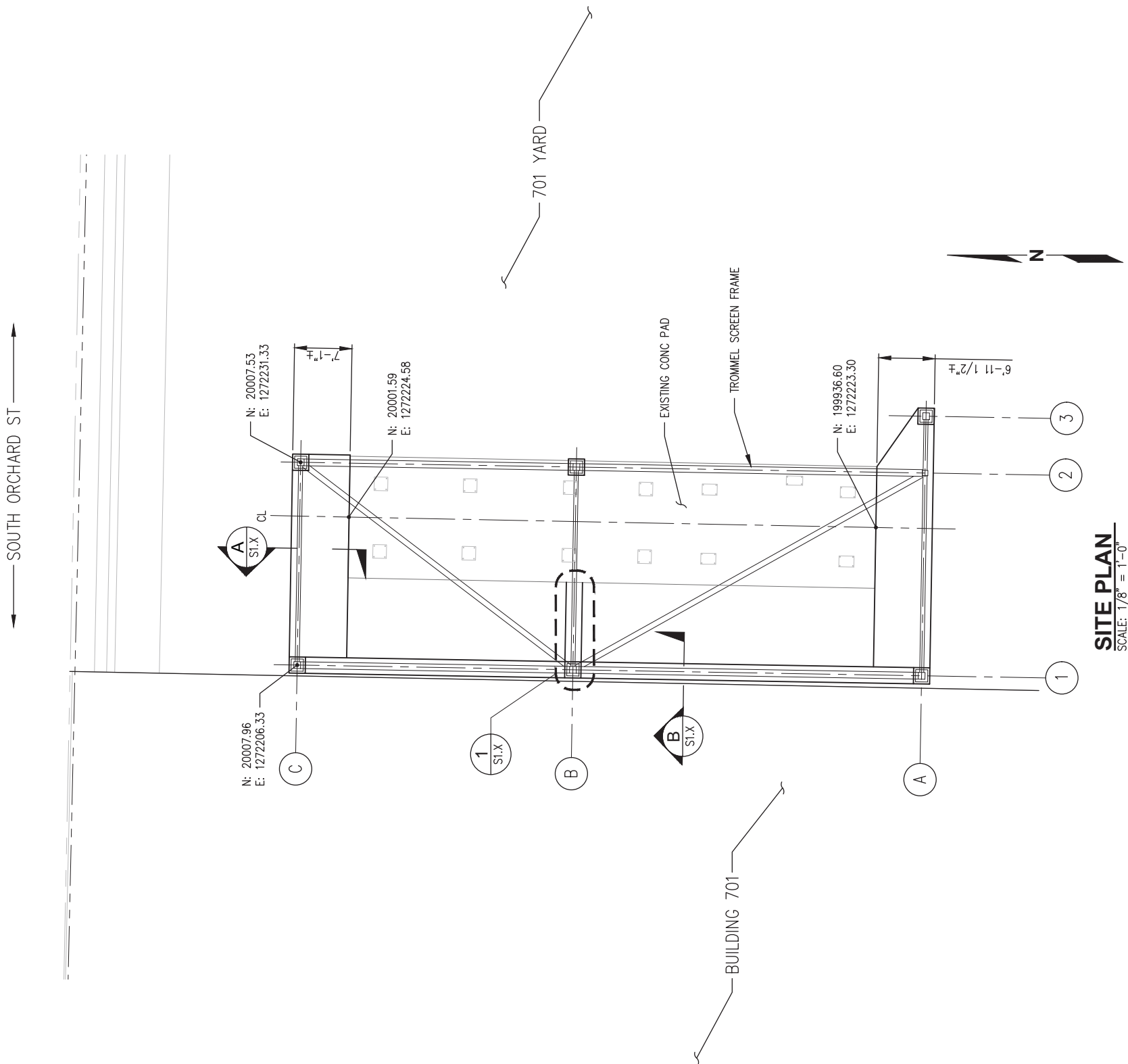


2407 North 31st Street, Suite 100
Seattle, WA 98105
(206) 396-0150 Fax (206) 396-0162

SEATTLE IRON AND METALS
701 S ORCHARD ST, SEATTLE WA 98108

TROMMEL SCREEN FRAME
STRUCTURAL NOTES

DRAWN: TRL	PROJECT NO.: VALUE
DESIGN: KCP	SCALE: AS SHOWN
CHECKED: SMS	DATE: 08/24/2020
DRAWING NO.	
SHEET NO. G1.1	SHT OF SHTS



SITE PLAN
SCALE: 1/8" = 1'-0"

DRAWN: TRL	PROJECT NO.: VALUE
DESIGN: XXX	SCALE: AS SHOWN
CHECKED: XXX	DATE: 08/24/2020
DRAWING NO. S1.1	
SHEET NO. SHT OF SHTS	

SEATTLE IRON AND METALS
701 S ORCHARD ST, SEATTLE WA 98108

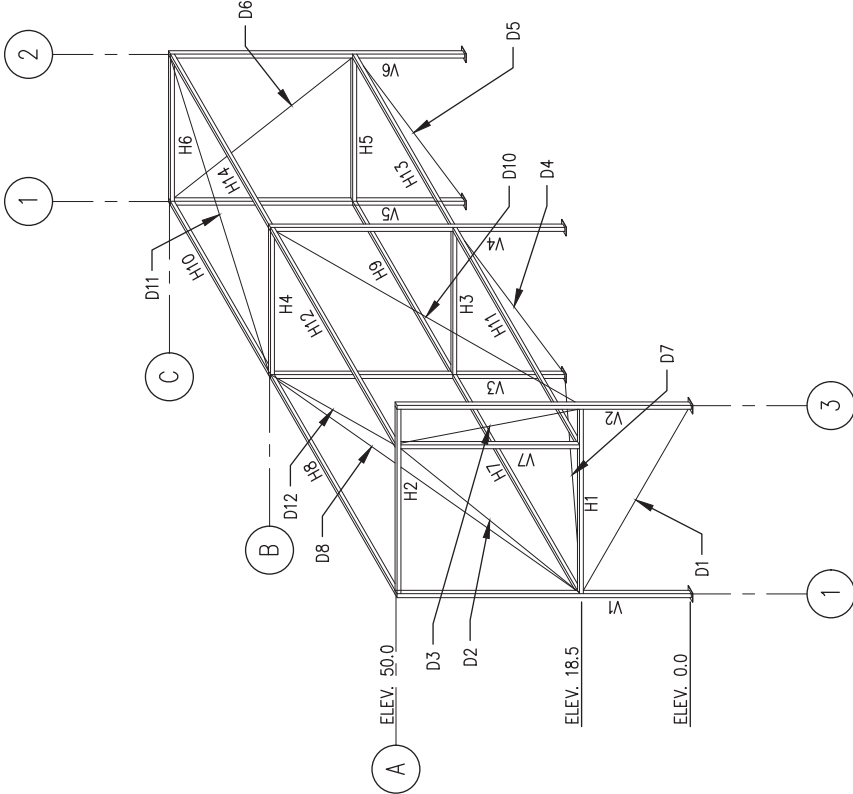
TROMMEL SCREEN FRAME
PLAN

[illegible]

kpff

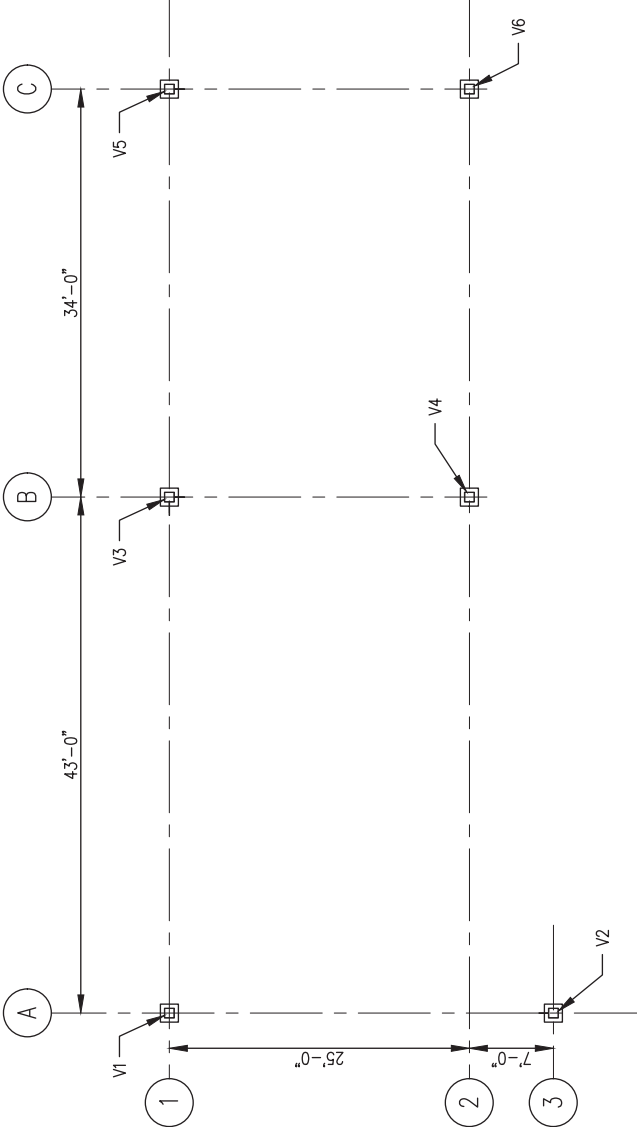
2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162

MARK	MEMBER	LENGTH
V1	HSS 10x10x1/2	
V2	HSS 10x10x1/2	
V3	HSS 10x10x1/2	
V4	HSS 10x10x1/2	
V5	HSS 10x10x1/2	
V6	HSS 10x10x1/2	
V7	HSS 9x9x1/2	
H1	HSS 9x9x1/2	
H2	HSS 9x9x1/2	
H3	HSS 9x9x1/2	
H4	HSS 9x9x1/2	
H5	HSS 9x9x1/2	
H6	HSS 9x9x1/2	
H7	HSS 9x9x1/2	
H8	HSS 10x10x1/2	
H9	HSS 9x9x1/2	
H10	HSS 10x10x1/2	
H11	HSS 9x9x1/2	
H12	HSS 10x10x1/2	
H13	HSS 9x9x1/2	
H14	HSS 10x10x1/2	
D1	HSS 9x9x1/2	
D2	HSS 9x9x1/2	
D3	HSS 9x9x1/2	
D4	HSS 9x9x1/2	
D5	HSS 9x9x1/2	
D6	HSS 9x9x1/2	
D7	HSS 9x9x1/2	
D8	HSS 9x9x1/2	
D10	HSS 9x9x1/2	
D11	HSS 9x9x1/2	
D12	HSS 9x9x1/2	



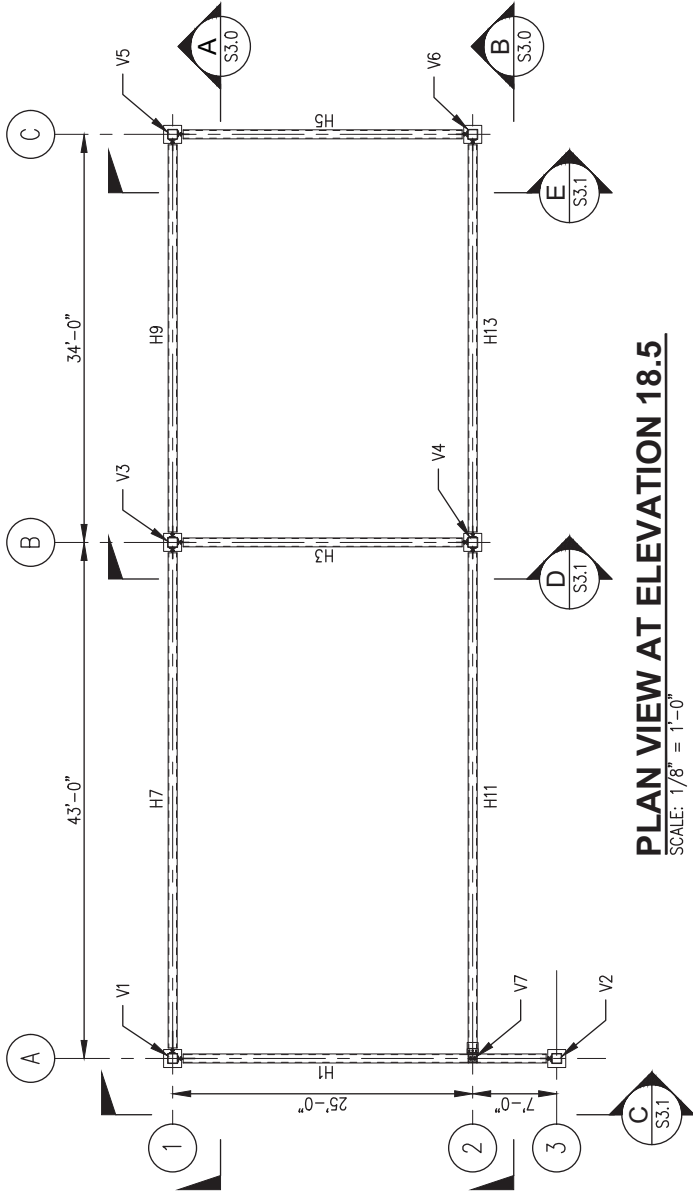
ISOMETRIC VIEW

SCALE: NTS



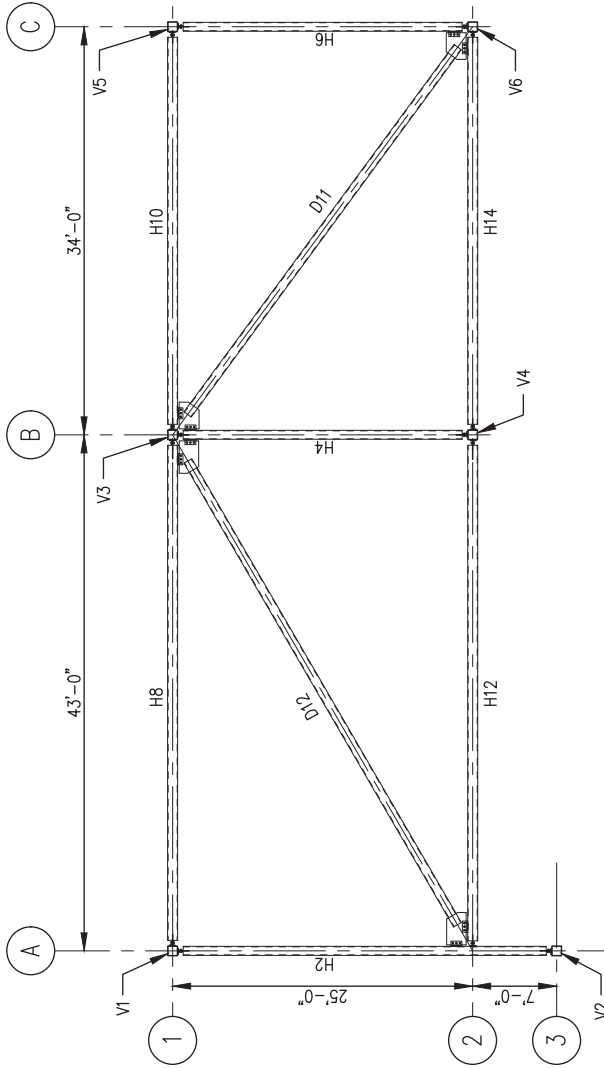
PLAN VIEW AT ELEVATION 0.00

SCALE: 1/8" = 1'-0"



PLAN VIEW AT ELEVATION 18.5

SCALE: 1/8" = 1'-0"



PLAN VIEW AT ELEVATION 50.0

SCALE: 1/8" = 1'-0"



2407 North 31st Street, Suite 100
Seattle, WA 98108
(206) 396-0150 Fax (206) 396-0162

SEATTLE IRON AND METALS
701 S ORCHARD ST, SEATTLE WA 98108

TROMMEL SCREEN FRAME
PLAN VIEWS

DRAWN: TRL	PROJECT NO.: VALUE
DESIGN: KOP	SCALE: AS SHOWN
CHECKED: SMS	DATE: 08/24/2020
DRAWING NO.	

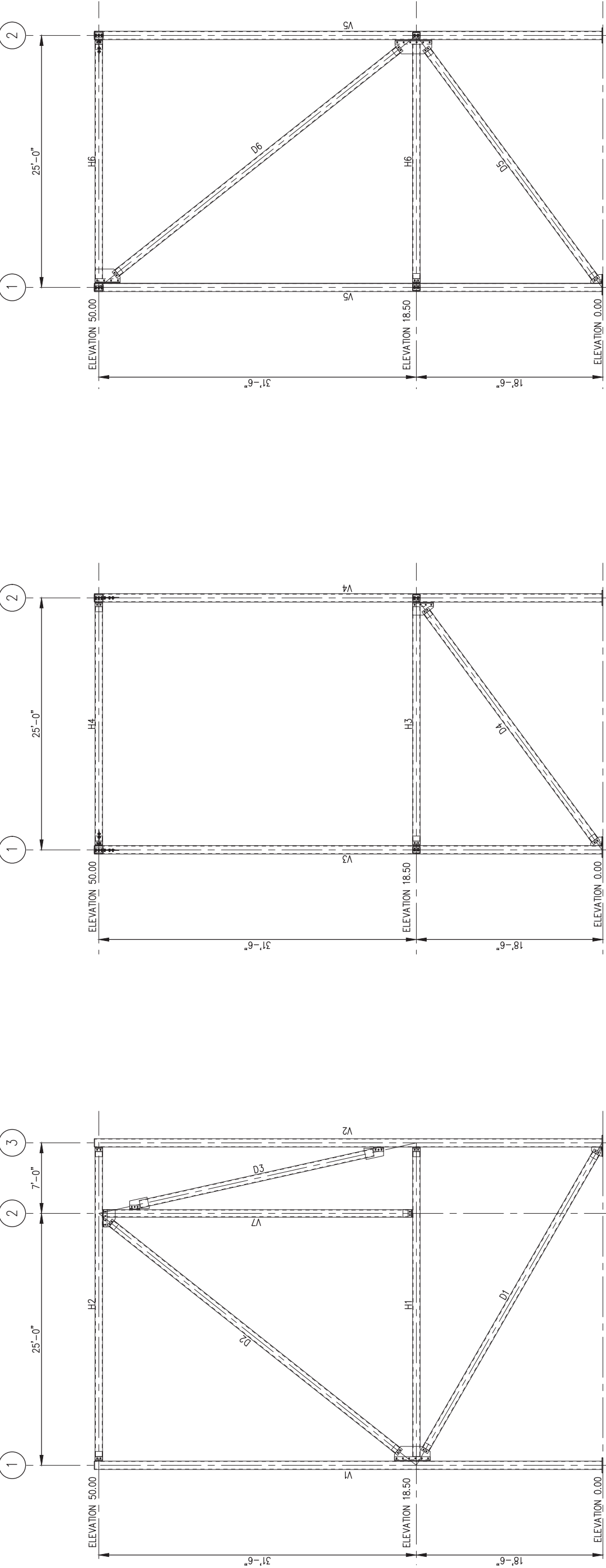
S2.0

SHEET NO.	SHT OF	SHTS
-----------	--------	------



kpff

2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162



C ELEVATION AT LINE A
S2.0 SCALE: 3/16" = 1'-0"

D ELEVATION AT LINE B
S2.0 SCALE: 3/16" = 1'-0"

E ELEVATION AT LINE C
S2.0 SCALE: 3/16" = 1'-0"



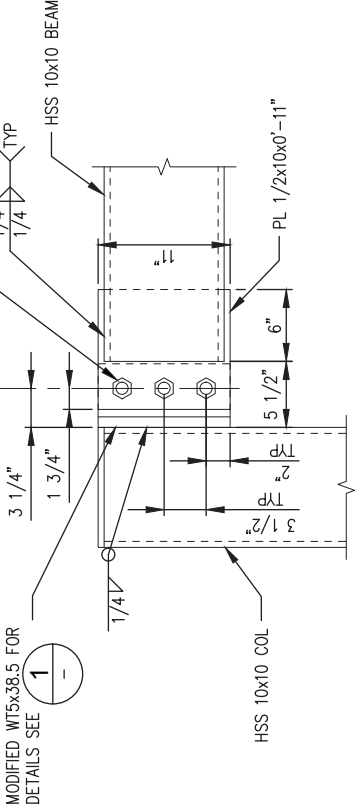
2407 North 31st Street, Suite 100
Seattle, WA 98108
(206) 396-0150 Fax (206) 396-0162

SEATTLE IRON AND METALS
701 S ORCHARD ST, SEATTLE WA 98108

TROMMEL SCREEN FRAME
ELEVATIONS 2

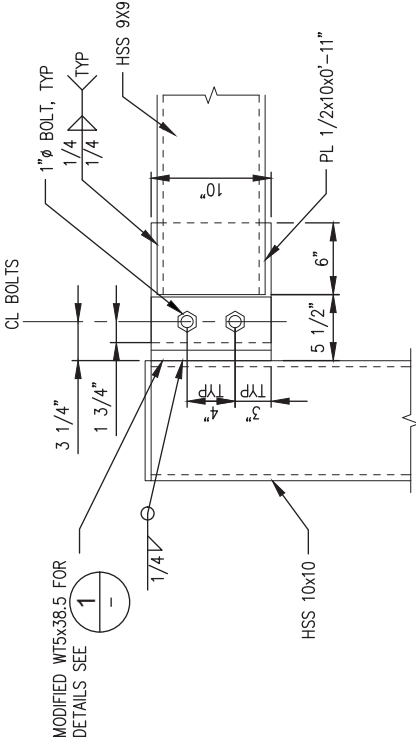
DRAWN: TRL	PROJECT NO.: VALUE
DESIGN: KCP	SCALE: AS SHOWN
CHECKED: SMS	DATE: 08/24/2020
DRAWING NO.	
SHEET NO.	SHT OF SHTS

S3.1



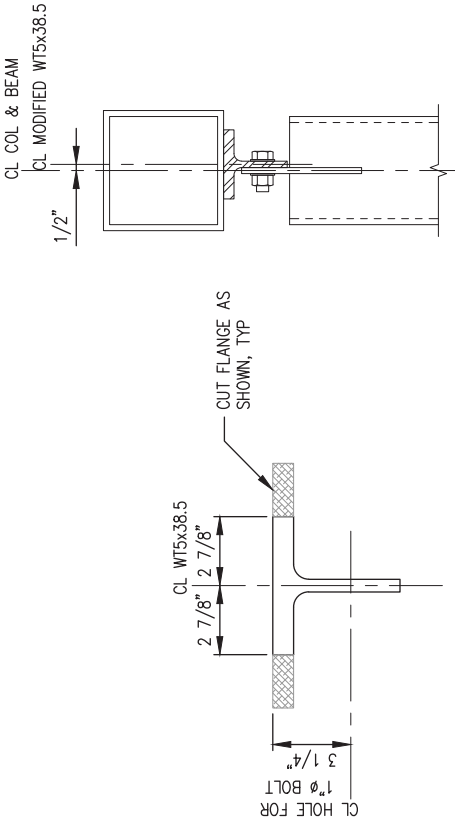
SHEAR PLATE @ 10" BEAM

SCALE: 1 1/2" = 1'-0"



SHEAR PLATE @ 9" BEAM

SCALE: 1 1/2" = 1'-0"



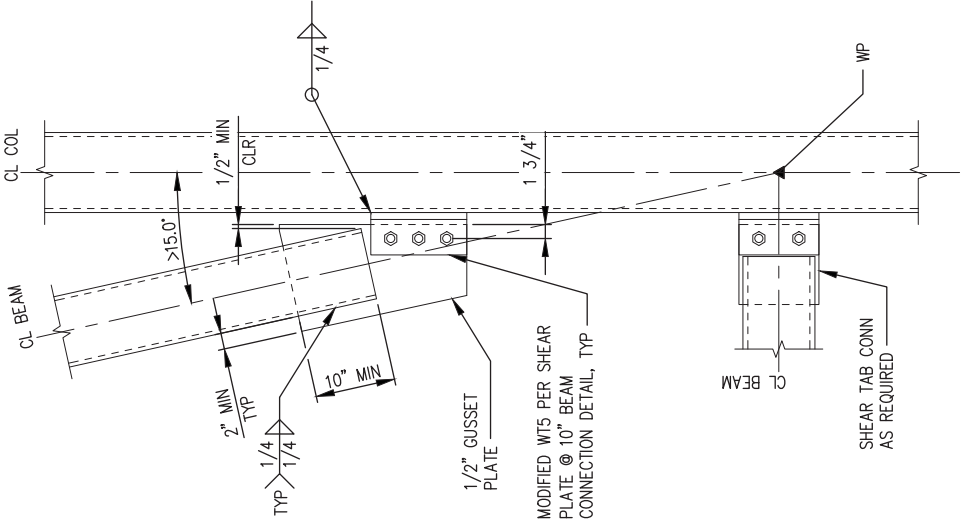
WT5x38.5 MODIFICATION

SCALE: 3" = 1'-0"

WT5x38.5 OFFSET

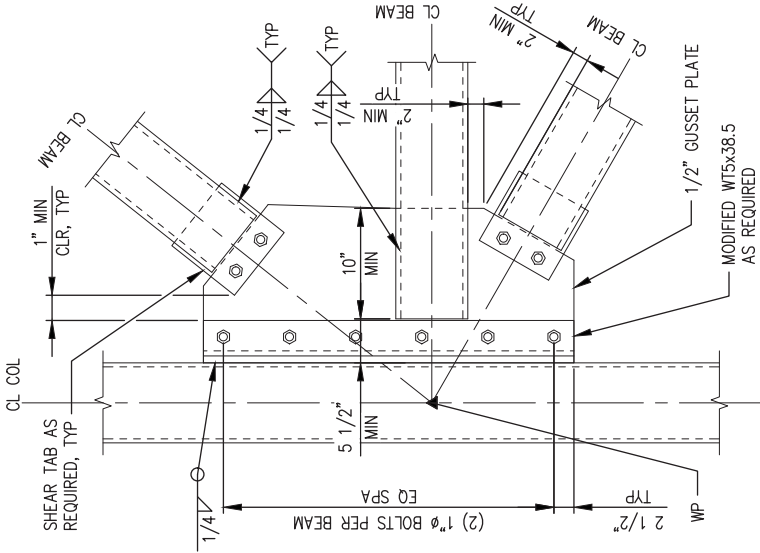
SCALE: 1 1/2" = 1'-0"

DETAIL - WT5x38.5



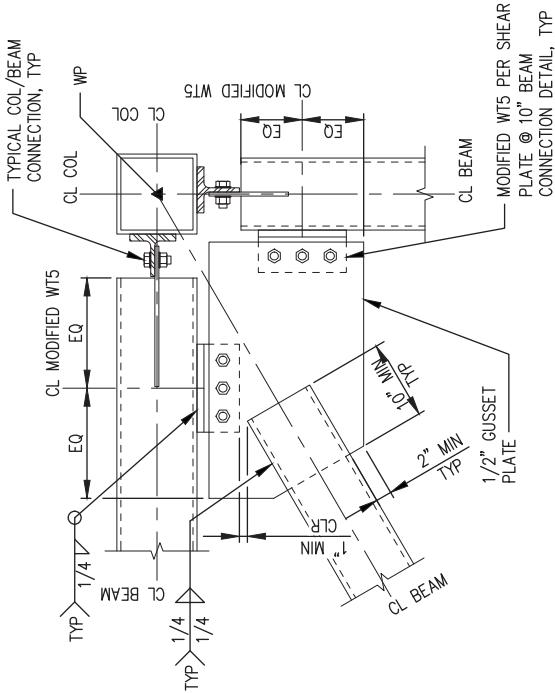
GUSSET PLATE CONNECTION - TYPE 3

SCALE: 1" = 1'-0"



GUSSET PLATE CONNECTION - TYPE 2

SCALE: 1" = 1'-0"



GUSSET PLATE CONNECTION - TYPE 1

SCALE: 1" = 1'-0"



2407 North 31st Street, Suite 100
Seattle, WA 98108
(206) 396-0150 Fax (206) 396-0162

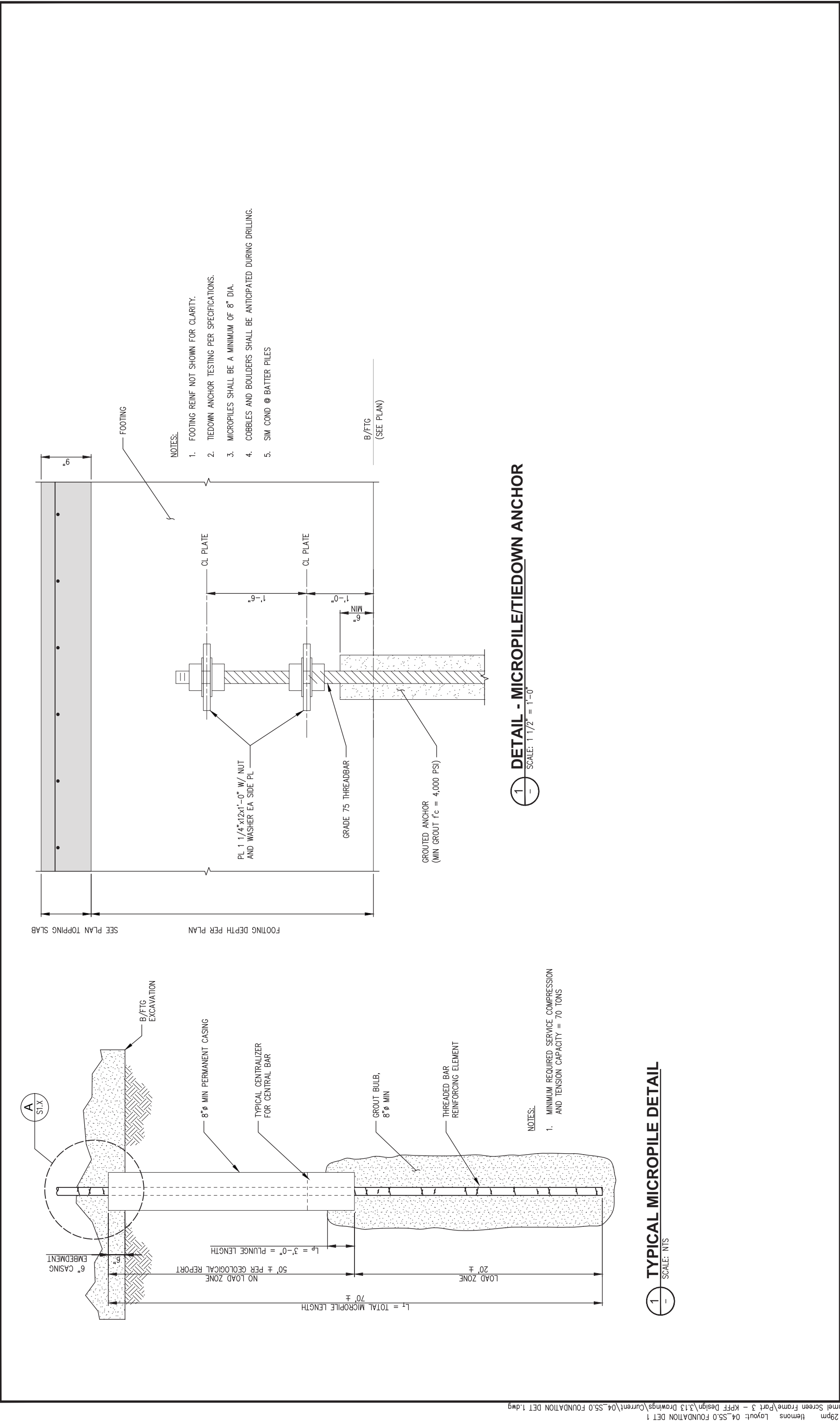
SEATTLE IRON AND METALS
701 S ORCHARD ST, SEATTLE WA 98108

**TROMMEL SCREEN FRAME
DETAILS**

DRAWN: TRL	PROJECT NO.: VALUE
DESIGN: KOP	SCALE: AS SHOWN
CHECKED: SMS	DATE: 08/24/2020
DRAWING NO.	
SHEET NO.	SHT OF SHTS

\$4.0

SUBMITTAL



2407 North 31st Street, Suite 100 Seattle, WA 98108 (206) 396-0150 Fax (206) 396-0162				kprff			
Trommel Screen Frame Foundation Details				Trommel Screen Frame Foundation Details			
701 S ORCHARD ST, SEATTLE WA 98108				SEATTLE IRON AND METALS			
PROJECT NO.: VALUE				SHT OF SHTS			
DRAWING NO.				\$5.0			
CHECKED: SMS				DATE: 08/24/2020			
DESIGN: KCP				SCALE: AS SHOWN			
DRAWN: TRL				PROJECT NO.: VALUE			

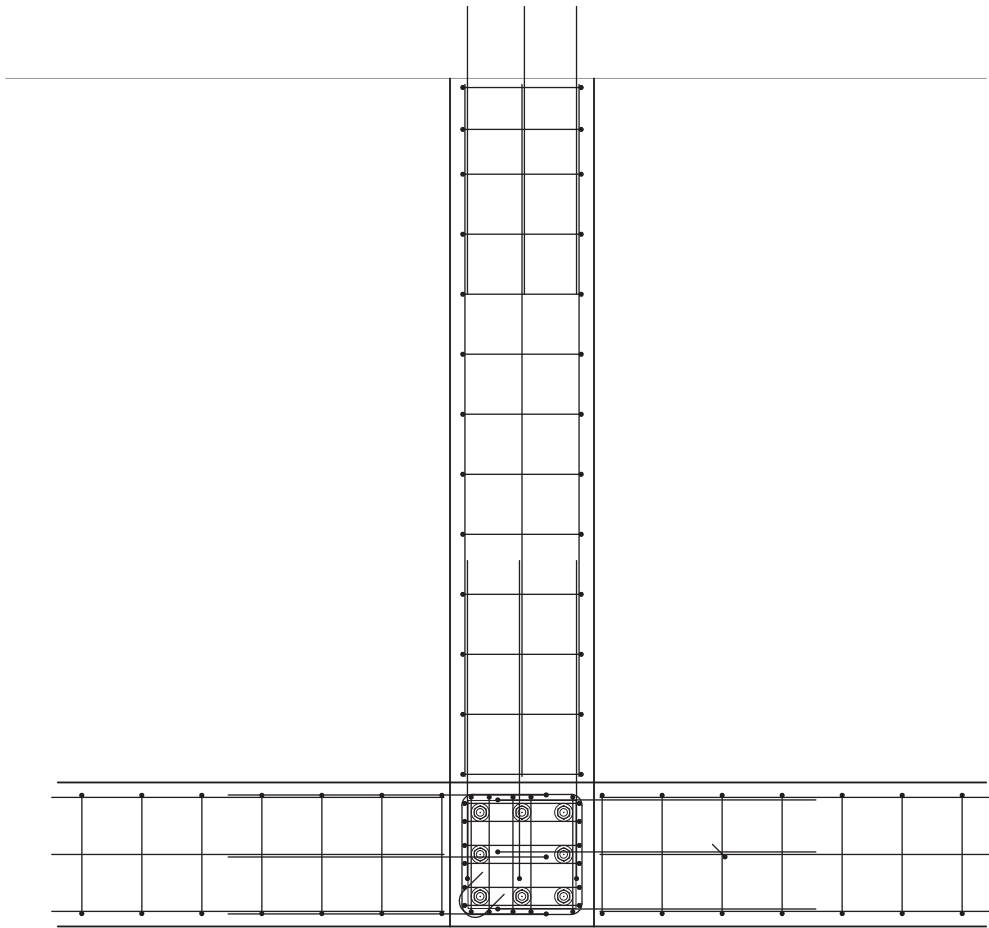
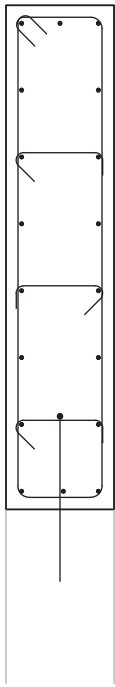
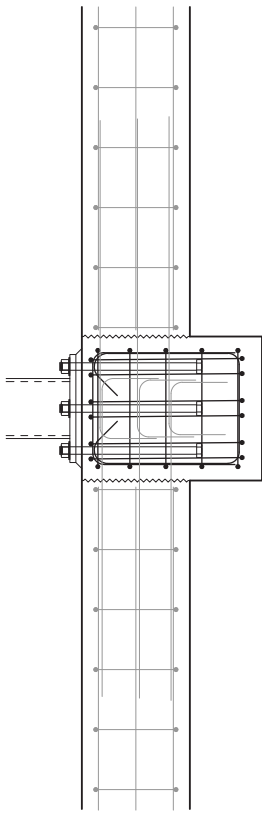
DRAWN: TRL	PROJECT NO.: VALUE
DESIGN: KCP	SCALE: AS SHOWN
CHECKED: SMS	DATE: 08/24/2020
DRAWING NO. X-###.#	
SHEET NO. SHT	OF SHTS

<p>SEATTLE IRON AND METALS 701 S ORCHARD ST, SEATTLE WA 98108</p>
<p>TROMMEL SCREEN FRAME</p>
<p>LINE 2</p>
<p>LINE 3</p>

[illegible]

kpff

2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162



Attachment D



RESTRICTED & APPROVED TRUCK TRAFFIC ROUTES



Seattle Iron & Metals Corp.
South Myrtle Street
Seattle WA, 98108



Attachment E

105 South Main Street, #235
Seattle, Washington 98104

206.332.9900
seattleparksfoundation.org

Connecting Seattle through Public Space

8/12/20

To Whom it may Concern:

This letter is intended to provide assurance that I have received the Consent Decree between Puget Soundkeeper Alliance and Seattle Iron and Metals and that I am authorized on behalf of Seattle Parks Foundation to make the following binding commitments:

1. I understand that Seattle Parks Foundation will receive funds from Seattle Iron and Metals as specified in the Consent Decree.
2. Seattle Parks Foundation will use these funds for advancing the design for water quality improvements at Gateway Park N.
3. Seattle Parks Foundation will not use any money it receives under the Consent Decree for lobbying purposes.

Seattle Parks Foundation is the fiscal sponsor for the Georgetown Open Space Committee who is leading a business-community-government-NGO collaborative addressing water quality by developing community driven green infrastructure in the street right-of-way at the end of 8th Ave S. Community-based organizations are leading the design, permitting and installation of green stormwater infrastructure and are providing educational and job opportunities that improve the environmental wellbeing and promote public health education for people who live, work and play nearby.

The project has been designed to 30% and will use additional funds for additional design development that ties the shoreline restoration with the upland area and knits together the parcels owned by different agencies with engineering level specificity. This level of design, which includes review by public sector entities brings the project closer to "shovel-readiness." The overall project improves public access to the River, improves shoreline habitat, and reduces polluted run off from entering the River.

Seattle Parks Foundation (Tax ID 91-1998597) provides 501(c)(3) tax-exempt status and a suite of accounting, insurance, fundraising, and communications services to community groups that are leading park and public space projects across the city. We manage restricted and general-purpose funds for donors who want to make long-term investments in Seattle's parks and public spaces and support large-scale community park planning and development such as Gateway Park N. in Georgetown. We are committed to sound fiscal management and as a nonprofit organization are audited annually.

Please do not hesitate to contact me with questions or for additional information.

Sincerely,

A handwritten signature in blue ink that reads "Thatcher Bailey". The signature is written in a cursive, flowing style.

Thatcher Bailey, President and CEO